# Coral Springs
## K-8th



# *Bear Blitz*

180 Days
Math Fluency

# Bear Blitz

**Day 1**

MAFS.4.OA.1.1

1)

Which situation can be represented by the equation 9 x 6 = 54?

A.  Ally saved $9 one week and $6 the next week.

B.  Ally had $54 in savings left after spending $9.

C.  Ally saved $9 each week for 6 weeks.

D.  Ally spent $54 each month for 6 months.

 MAFS.4.OA.2.4c

2)

Which statement best proves that 29 is a prime number?
Ⓐ It can be divided by 1.
Ⓑ It is an odd number.
Ⓒ It cannot be evenly divided by 3.
Ⓓ It can only be divided evenly by 29 and 1.

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

3)
How many times greater is 48,000 than 48?
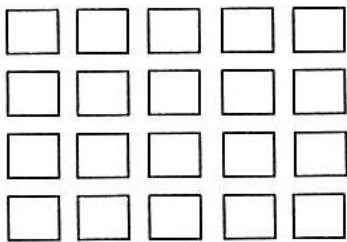Ⓐ 10                    Ⓑ 100                    Ⓒ 1,000                    Ⓓ 10,000

# **Bear Blitz**

**Day 2**

MAFS.4.OA.1.1

1)

Which of these is represented by the model below?



Ⓐ Ally saved $9 one week and $6 the next week.

Ⓑ Ally had $54 in savings left after spending $9.

Ⓒ Ally saved $9 each week for 6 weeks.

Ⓓ Ally spent $54 each month for 6 months.

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

2)

Which number has a 6 that represents a value ten times greater than the value represented by the 6 in 43,659?

Ⓐ 62,974          Ⓑ 36,072          Ⓒ 28,165          Ⓓ 75,356

MAFS.4.NBT.1.3

3)

Which is the best way to estimate the product of 28 and 44?

Ⓐ 20 × 40          Ⓑ 20 × 50          Ⓒ 30 × 40          Ⓓ 30 × 50
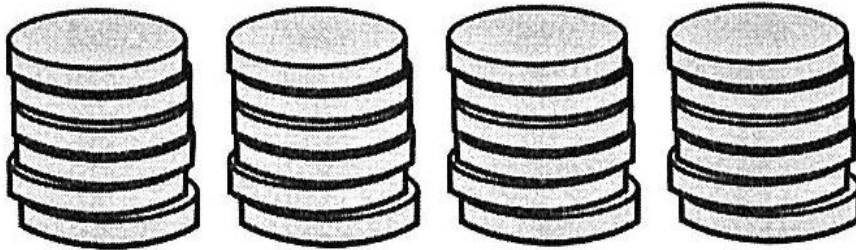
# **Bear Blitz**

**Day 3**

MAFS.4.OA.1.1

1)

Dan and Leah placed coins in piles. Every pile had the same number of coins in it. Dan's piles are shown below.



Leah has 3 times as many piles as Dan. How many coins does Leah have?

&#9398; 12         &#9399; 24         &#9400; 42         &#9401; 72

MAFS.4.OA.2.4c

2)

Which number sentence proves that 35 is a composite number?

&#9398; $35 \times 1 = 35$     &#9399; $35 \div 5 = 7$     &#9400; $35 \times 2 = 70$     &#9401; $35 \div 10 = 3 \text{ r } 5$

# Bear Blitz

**Day 4**

MAFS.4.OA.1.1

1)

Kimi found that her dog's mass was 4 times as much as her cat's mass. If her cat's mass was 8 kilograms, what was her dog's mass?

Ⓐ 2 kg          Ⓑ 12 kg          Ⓒ 32 kg          Ⓓ 48 kg

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

2)

In the number 787,421 how much greater is the value represented by the 7 in the hundred thousands place than the value represented by the 7 in the thousands place?

Ⓐ 1                Ⓑ 10                Ⓒ 100                Ⓓ 1,000

MAFS.4.NBT.1.3

3)

Five friends are dividing a bill of $63 evenly. Which is the closest estimate of how much each friend will pay?

Ⓐ $12          Ⓑ $13          Ⓒ $14          Ⓓ $15

# Bear Blitz

**Day 5**

MAFS.4.OA.1.1

1)

Complete each statement with two numbers that make the statement true. Then complete the equation to represent the statement.

14 is ____ times as many as ____          14 = ___ × ___

21 is ____ times as many as ____          21 = ___ × ___

35 is ____ times as many as ____          35 = ___ × ___

49 is ____ times as many as ____          49 = ___ × ___

55 is ____ times as many as ____          55 = ___ × ___

MAFS.

2)

Which number is a prime number?

Ⓐ 93          Ⓑ 95          Ⓒ 97          Ⓓ 99

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

3)

In the number below, how many times greater is the number represented by the digit in the thousands place than the number represented by the digit in the hundreds place?

5,265,579

Ⓐ 1          Ⓑ 10          Ⓒ 100          Ⓓ 1,000

# Bear Blitz

**Day 6**

MAFS.4.OA.1.1

1)

The table below shows how far students live from school.

| Student | Wesley | Flynn | Gino | Thomas | Corey |
|---------|--------|-------|------|--------|-------|
| Distance (miles) | 2 | 6 | 18 | 30 | ? |

Complete each statement below with the correct number.

Flynn lives _____ times as far from school as Wesley.

Gino lives _____ times as far from school as Wesley.

Thomas lives _____ times as far from school as Wesley.

Gino lives _____ times as far from school as Flynn.

Thomas lives _____ times as far from school as Flynn.

Corey lives 7 times as far from school as Flynn. How far does Corey live from school? _____ miles

MAFS.4.OA.2.4c

2)
Which number is a prime number?

Ⓐ 93            Ⓑ 95            Ⓒ 97            Ⓓ 99

# Bear Blitz

**Day 7**

MAFS.4.OA.1.1

1)

Decide if each problem can be solved with addition or with multiplication. Circle the correct word to show your choice. Then write an expression that can be used to solve the problem. Write your answer on the line.

Hannah is 14. Oliver is 3 years older than Hannah. How old is Oliver?

addition          multiplication

**Expression**                                    **Answer** _____ years old

A pound of peaches costs 5 times as much as a pound of apples. A pound of apples costs $3. How much does a pound of peaches cost?

addition          multiplication

**Expression**                                    **Answer** $_____

A new building has 5 times as many floors as the old building. The old building had 6 floors. How many floors does the new building have?

addition          multiplication

**Expression**                                    **Answer** _____ floors

Fiona's new school has 15 more fourth grade students than her last school. Her last school had 80 fourth grade students. How many fourth grade students does her new school have?

addition          multiplication

**Expression**                                    **Answer** _____ students

A store sold 18 cameras on Thursday and 4 times as many on Friday. How many cameras were sold on Friday?

addition          multiplication

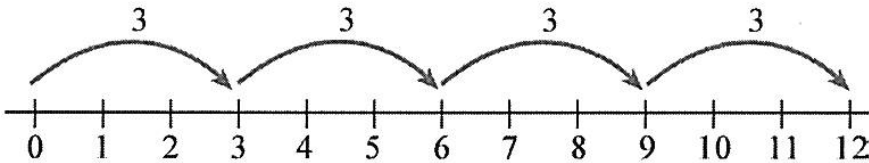**Expression**                                    **Answer** _____ cameras

# Bear Blitz

**Day 8**

MAFS.4.OA.1.1

1)

Kim is buying notebooks for $3 each. She drew the diagram below to show how many notebooks she can buy for $12.



How many notebooks can she buy? _____ notebooks

Explain how the diagram helped you find the answer.

_____

_____


MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

2)

Which pair of numbers correctly completes the equation?

$$\underline{\hspace{1cm}} \times 100 = \underline{\hspace{1cm}}$$
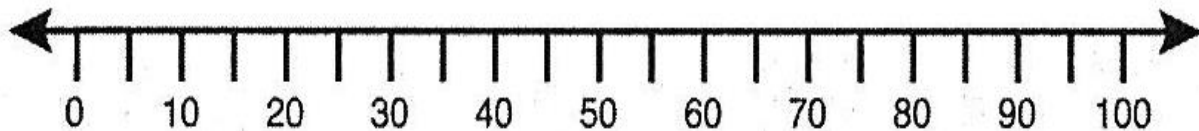
Ⓐ 62 and 62,000

Ⓑ 620 and 6,200

Ⓒ 62 and 620

Ⓓ 620 and 62,000

# Bear Blitz

MAFS.4.OA.1.1

1)

Andre practiced speaking Spanish for 15 minutes each day for 5 days. How long did he practice for in all? Show how to find the answer on the number line below. Then write the answer on the line.



**Answer** _____ minutes

MAFS.4.OA.2.4

2)

Which number is a factor of 57?

Ⓐ 11         Ⓑ 13         Ⓒ 17         Ⓓ 19

# Bear Blitz

**Day 10**

MAFS.4.OA.1.1

1)

Delvina has $20 in savings. She needs 4 times as much to buy a camera. How much does she need to buy the camera? Show how to find the answer on the number line below. Then write the answer on the line.

```
←|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|—|→
  0   10  20  30  40  50  60  70  80  90  100
```
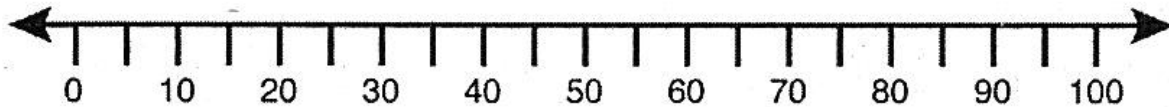
**Answer $_____**

MAFS.4.OA.2.4

2)

What are all the factors of 8?

&#9398; 1, 8          &#9399; 2, 4          &#9400; 1, 4, 8          &#9401; 1, 2, 4, 8

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

3)
What is the value of the expression below?

$$2,800,000 \div 28,000$$

&#9398; 1          &#9399; 10          &#9400; 100          &#9401; 1,000

# **Bear Blitz**

**Day 11**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Which situation can be represented by the equation 12 × 7 = 84?

Ⓐ Taylor rode 12 miles every day for 7 days.

Ⓑ Taylor bought his bike for $84 and a helmet for $7.

Ⓒ After riding 12 miles, Taylor had 7 miles left to ride.

Ⓓ In a race of 84 people, 12 people didn't finish the race.

MAFS.4.OA.2.4

2)

What are all the common factors of 8, 24, and 60?

Ⓐ 1, 2, 4          Ⓑ 1, 2, 4, 8          Ⓒ 1, 2, 4, 6          Ⓓ 1, 2, 4, 6, 8

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

3)

In which pairs of numbers does the 9 in the first number represent a value 10 times greater than the 9 in the second number? Select all the correct answers.

☐ 900 and 965                    ☐ 903 and 96

☐ 9,860 and 2,095              ☐ 3,947 and 6,589

☐ 19,548 and 26,975          ☐ 25,982 and 37,590

# Bear Blitz

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Which statement is represented by the equation below?

$$25 \times 5 = 125$$

Ⓐ The number 25 is 5 less than 125.

Ⓑ The number 25 is 5 times as many as 125.

Ⓒ The number 125 is 5 more than 25.

Ⓓ The number 125 is 5 times as many as 25.

MAFS.4.OA.2.4

2)

A play sold $98 worth of tickets. Each ticket cost the same amount.

Which of these could be the cost of each ticket?

Ⓐ $6          Ⓑ $8          Ⓒ $12          Ⓓ $14

# Bear Blitz

**Day 13**

MAFS4.OA.1.a, MAFS4.OA.1.b

1)

A delivery person has 3 boxes of equal mass. He places 1 box on the first trolley, and 2 boxes on the second trolley.
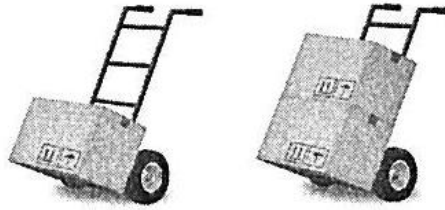


If the mass of the box on the first trolley is $m$, which expression represents the mass of the boxes on the second trolley?

Ⓐ $2 + m$          Ⓑ $2 \times m$          Ⓒ $m \div 2$          Ⓓ $2 - m$

MAFS.4.OA.2.4

2)

What factors do 18, 24, and 36 have in common? Select all the correct answers.

☐ 2                    ☐ 3                    ☐ 4                    ☐ 6

☐ 8                    ☐ 9                    ☐ 12                   ☐ 18

# Bear Blitz

**Day 14**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Ryan's uncle is 36. Ryan's uncle is 3 times older than Ryan. Which equation can be used to find Ryan's age, *r*?

Ⓐ $3 \div r = 36$　　　Ⓑ $3 \times r = 36$　　　Ⓒ $r \div 3 = 36$　　　Ⓓ $3 \times 36 = r$

MAFS.4.OA.2.4

2)

Janelle divided 76 coins into equal piles. Which of these could be the number of coins in each pile? Select all the possible answers.

☐ 2　　　　　☐ 3　　　　　☐ 4　　　　　☐ 5

☐ 6　　　　　☐ 7　　　　　☐ 8　　　　　☐ 9

☐ 11　　　　☐ 13　　　　☐ 17　　　　☐ 19

MAFS.4.NBT.1.1　MAFS.4.NBT.1.2

3)

In which of these does a missing number of 100 make the equation true? Select all the correct answers.

☐ 42 × _____ = 4,020　　　　　☐ 4,205 × _____ = 42,500

☐ 68 × _____ = 6,800　　　　　☐ 8,963 × _____ = 896,300

☐ 745 × _____ = 70,045　　　　☐ 10,008 × _____ = 1,000,008

☐ 309 × _____ = 309,000　　　☐ 55,045 × _____ = 55,045,000

# Bear Blitz

**Day 15**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Danielle sold 20 necklaces. She sold 4 times as many bracelets. Which of these are ways to find how many bracelets she sold? Select all the correct answers.

☐ 20 + 4 = ?

☐ 20 × 4 = ?

☐ 20 + 20 + 20 + 20 = ?

☐ 20 − 4 = ?

☐ 4(20) = ?

☐ 4(20 + 4) = ?

zMAFS.4.OA.2.4

2)

Write multiplication expressions to complete the list of all the factors pairs for each number.

| Number | Factor Pairs | | | |
|--------|--------------|------|------|------|
| 28 | 1 × 28 | ____ × ____ | ____ × ____ | |
| 44 | 1 × 44 | ____ × ____ | ____ × ____ | |
| 50 | 1 × 50 | ____ × ____ | ____ × ____ | |
| 63 | 1 × 63 | ____ × ____ | ____ × ____ | |
| 66 | 1 × 66 | ____ × ____ | ____ × ____ | ____ × ____ |
| 78 | 1 × 78 | ____ × ____ | ____ × ____ | ____ × ____ |
| 88 | 1 × 88 | ____ × ____ | ____ × ____ | ____ × ____ |

**Day 16**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

A rug has a length, *l*, that is 3 times its width, *w*. Which of these could be used to find the length of the rug? Select all the correct answers.

☐ 3*w*                                    ☐ *w* - 3

☐ *w* × *w* × *w*                    ☐ *w* + *w* + *w*

☐ *w* + 3                              ☐ 3 + *w* + *w*

MAFS.4.OA.2.4

2)

The table below shows how much the staff of a restaurant made on Friday. Each person worked a whole number of hours, and each wage is a whole number amount from $5 to $15. For each person, list the possible amounts they could make per hour.

| Name | Total Wages ($) | Possible Hourly Amounts ($) |
|---|---|---|
| Bruce | 55 | ____ or ____ |
| Emmett | 65 | ____ or ____ |
| Didi | 48 | ____ or ____ or ____ |
| Gwen | 42 | ____ or ____ or ____ |
| Donnie | 56 | ____ or ____ or ____ |
| Bianca | 72 | ____ or ____ or ____ or ____ |

# Bear Blitz

**Day 17**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Write and solve a multiplication expression to answer each question.

Jane has 6 rows of 8 stickers. How many stickers does she have in all?

_____ × _____ = _____          **Answer** _____ stickers

There are 9 bowls of 4 apples each. How many apples are there in all?

_____ × _____ = _____          **Answer** _____ apples

Lydia earns $12 each hour she works. How much does she earn in 8 hours?

_____ × _____ = _____          **Answer** $_____

Eric buys 5 tickets for $15 each. How many dollars does he spend in all?

_____ × _____ = _____          **Answer** $_____

Arty drives at 60 miles per hour. How far does he drive in 3 hours?

_____ × _____ = _____          **Answer** _____ miles

MAFS.4.OA.2.4

2)

Complete the statement to describe what the number line below shows.
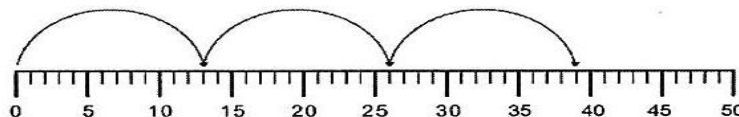
A factor pair of _____ is _____ and _____.

# Bear Blitz

**Day 18**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Write and solve a multiplication expression to answer each question.

Mia has 7 times as many baseball cards as Carolyn. Carolyn has 4 baseball cards. How many baseball cards does Mia have?

_____ × _____ = _____          **Answer** _____ baseball cards

Rocco served 6 aces in a tennis match. Shane served 3 times as many aces in the match as Rocco. How many aces did Shane serve?

_____ × _____ = _____          **Answer** _____ aces

Mr. Pearce thought his drive to work would take 15 minutes. Due to traffic, it took 4 times longer than he thought. How long did the drive take?

_____ × _____ = _____          **Answer** _____ minutes

Celeste saved $12 in January. She saved 5 times as much in February. How much did she save in February?

_____ × _____ = _____          **Answer** $_____

Anderson bought 4 notebooks. He bought 6 times as many pens as notebooks. How many pens did he buy?

_____ × _____ = _____          **Answer** _____ pens

# Bear Blitz

**Day 19**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Daniel packed 72 soda cans into boxes. He placed 6 soda cans in each box. Write and solve an equation to find the number of boxes he used, *b*.

**Answer** _____ boxes

MAFS.4.OA.2.4

2)

One factor of each number is listed below. Write and solve a division equation to find the other number in the factor pair. The first one has been completed for you.

| Number | First Factor | Division Equation | Factor Pair |
|--------|--------------|-------------------|-------------|
| 20 | 4 | $20 \div 4 = 5$ | 4 and 5 |
| 75 | 3 | _____ ÷ _____ = _____ | |
| 96 | 6 | _____ ÷ _____ = _____ | |
| 76 | 4 | _____ ÷ _____ = _____ | |
| 98 | 14 | _____ ÷ _____ = _____ | |
| 84 | 21 | _____ ÷ _____ = _____ | |

# Bear Blitz

**Day 20**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Anthony is 8 years old. Anthony is 4 times as old as Gina. Write and solve an equation to find Gina's age, $g$.

**Answer** _____ years old

MAFS.4.OA.2.4

2)

List all the factors of each number below.

28 _____, _____, _____, _____, _____, and _____

35 _____, _____, _____, and _____

70 _____, _____, _____, _____, _____, _____, _____, and _____

Which numbers are common factors of 28, 35, and 70? _____ and _____

MAFS.4.NBT.1.3

3)

The list shows how many cans each class collected for a food drive.

Miss Adams 68, Mr. Walsh 52, Mrs. Naroda 37

Which is the best estimate of the number of cans collected in all?

Ⓐ 140       Ⓑ 150       Ⓒ 160       Ⓓ 170

# Bear Blitz

**Day 21**

MAFS.4.OA.1.a, MAFS.4.OA.1.b

1)

Jordana bought 4 packets of cookies. There were an equal number of cookies in each packet. She bought a total of 24 cookies. Complete the equation that can be used to find the number of cookies in each packet, *n*. Then solve the equation.

**Equation** _____ × *n* = _____          **Answer** _____ cookies

Jordana spent a total of $12 on the 4 packets. Complete the equation that can be used to find the cost of each packet, *c*. Then solve the equation.

**Equation** _____ × *c* = _____          **Answer** $_____

MAFS.4.OA.2.4

2)

Use the number line below to show that 15 is a factor of 90. Then use the number line you completed to complete the factor pair.
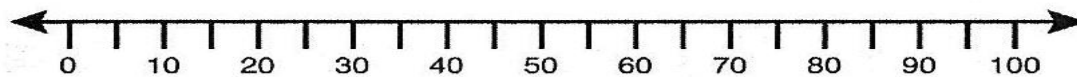


**Factor pair** _____ and 15

Use the number line below to find one other factor pair of 90.
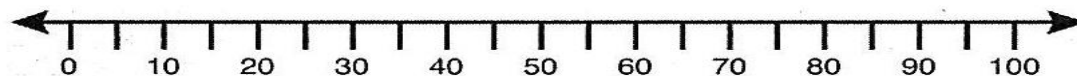


**Factor pair** _____ and _____

# Bear Blitz

**Day 22**

MAFS.4.OA.1.a, MAFS4.OA.1.b

1)

A standard batch of muffins makes 12 muffins. Mrs. Henry made a batch that was 4 times the size of a standard batch. Write and solve an equation to find the number of muffins she made, $m$.

**Show your work.**

**Answer** _____ muffins

MAFS.4.OA.2.4

2)

Hannah shaded the grid to show two ways 45 squares can be arranged into a rectangle. Use the diagram to complete the list of the factors of 45.
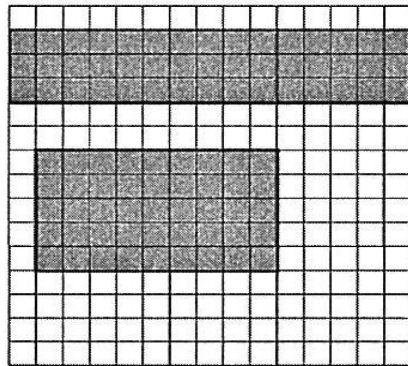


The factors of 45 are 1, 45, _____, _____, _____, and _____.

On the lines below, explain how the rectangles show the factors of 45.

# Bear Blitz

**Day 23**

MAFS.4.OA.1.a, MAFS..OA.1.b

1)

Ivan scored 3 points in his first basketball game. He scored 4 times as many points in his second game as his first game. He scored 6 times as many points in his third game than his first game. Write and solve equations to find how many points, $p$, he scored in his second and third games. Then find the total number of points he scored in his first three games.

**Answer** Game 2_____ pts, Game 3_____ pts, Games 1 to 3 _____ pts

MAFS.4.OA.2.4

2)

Complete the list of all the multiples of each number from 0 to 100.

| Number | Multiples |
|--------|-----------|
| 10 | 10, _____, _____, _____, _____, _____, _____, _____, _____, _____ |
| 11 | 11, _____, _____, _____, _____, _____, _____, _____, _____ |
| 12 | 12, _____, _____, _____, _____, _____, _____, _____ |
| 14 | 14, _____, _____, _____, _____, _____, _____ |
| 15 | 15, _____, _____, _____, _____, _____ |
| 18 | 18, _____, _____, _____, _____ |
| 20 | 20, _____, _____, _____, _____ |

# Bear Blitz

**Day 24**

MAFS.4.OA.1.2

1)

Louisa is making fruit punch. She pours 4 cartons of orange juice into the punch. Each carton contains 12 ounces of orange juice. How many ounces of orange juice are in the punch?

Ⓐ 46 oz          Ⓑ 48 oz          Ⓒ 52 oz          Ⓓ 58 oz

MAFS.4.OA.2.4

2)

Complete the list of all the multiples from 0 to 50 of each number below.

4     4, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

6     6, _____, _____, _____, _____, _____, _____, _____

8     8, _____, _____, _____, _____, _____

Which numbers are multiples of 4 and 6? _____, _____, _____, and _____

Which numbers are multiples of 4, 6, and 8? _____ and _____

MAFS.4.

3)

Craig is putting pennies into piles of 100. Craig makes 25 piles of 100 pennies. How many pennies does Craig have in all?

# Bear Blitz

MAFS.4.OA.1.2

1)

Alex saw the sign below at a fruit stand.

Apples
15 for $1

If Alex spent $3 on apples, how many apples would he get?

Ⓐ 30        Ⓑ 35        Ⓒ 45        Ⓓ 60

MAFS.4.OA.2.4

2)

Draw a 17 by 5 rectangle on the grid below. Use the rectangle to find the first 5 multiples of 17.
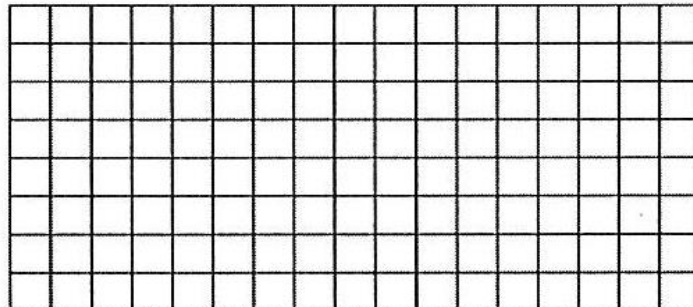
**Answer** _____, _____, _____, _____, and _____

# Bear Blitz

**Day 26**

MAFS.4.OA.1.2

1)

A music school divided its students into 5 classes. There were 19 students in each class. How many students were there in all?

Ⓐ 38         Ⓑ 55         Ⓒ 90         Ⓓ 95

MAFS.4.OA.2.4

2)

Kelly drew a 13 by 8 rectangle on a grid and shaded each row of the rectangle. Complete the statements about the rectangle below. Then complete the list of the first 8 multiples of 13.
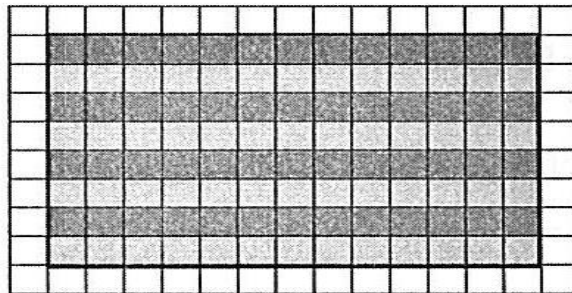
There are _____ squares in 1 row.      There are _____ squares in 5 rows.

There are _____ squares in 2 rows.      There are _____ squares in 6 rows.

There are _____ squares in 3 rows.      There are _____ squares in 7 rows.

There are _____ squares in 4 rows.      There are _____ squares in 8 rows.

The first 8 multiples of 13 are _____, _____, _____, _____, _____, _____, _____, and _____.

# Bear Blitz

**Day 27**

MAFS.4.OA.1.2

1)

Jared has 21 baseball cards. Milo has 3 times as many baseball cards as Jared. How many baseball cards does Milo have?

Ⓐ 7        Ⓑ 18        Ⓒ 24        Ⓓ 63

MAFS.4.OA.2.4

2)

A farmer sells eggs in cartons of 6 eggs each.
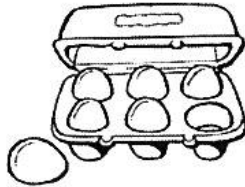
A bakery placed an order for several cartons of 6 eggs. Which of these could be the total number of eggs ordered?

Ⓐ 48        Ⓑ 50        Ⓒ 52        Ⓓ 56

MAFS.4.

3)

Which numbers are prime numbers? Select all the correct answers.

☐ 31        ☐ 33        ☐ 34        ☐ 37

☐ 51        ☐ 53        ☐ 57        ☐ 59

# Bear Blitz

**Day 28**

MAFS.4.OA.1.2

1)

A rectangle has a width that is 4 times its length. Which of these could be the dimensions of the rectangle? Select all the possible answers.

☐ 16 cm long, 4 cm wide      ☐ 18 cm long, 22 cm wide

☐ 3 cm long, 12 cm wide      ☐ 24 cm long, 6 cm wide

☐ 14 cm long, 18 cm wide     ☐ 5 cm long, 20 cm wide

☐ 6 cm long, 10 cm wide      ☐ 8 cm long, 4 cm wide

MAFS.4.OA.2.4

2)

Which number is a multiple of 6?

Ⓐ 3                Ⓑ 20                Ⓒ 36                Ⓓ 50

MAFS.4.

3)

How can you tell that all the numbers listed are composite numbers?

15, 25, 35, 45, 55, 65, 75, 85, 95

MAFS.4.NBT.1.1   MAFS.4.NBT.1.2

4)

Craig is putting pennies into piles of 100. Craig makes 25 piles of 100 pennies. How many pennies does Craig have in all?

# Bear Blitz

**Day 29**

MAFS.4.OA.1.2

1)

A store sells small juices for $3 each, medium juices for $4 each, and large juices for $5 each. Write 1, 2, 3, and 4 on the lines to place the orders from lowest cost to highest cost.

_____ 8 small juices and 4 large juices

_____ 6 medium juices and 3 large juices

_____ 2 small juices and 7 large juices

_____ 4 small juices, 2 medium juices, and 3 large juices

MAFS.4.OA.2.4

2)

Which number is a multiple of 14?

Ⓐ 2       Ⓑ 7       Ⓒ 42       Ⓓ 80

MAFS.4.NBT.1.1  MAFS.4.NBT.1.2

3)

A box of nails contains 1,000 nails. Maxwell buys 14 boxes of nails. How many nails did Maxwell buy?

# Bear Blitz

**Day 30**

MAFS.4.OA.1.2

1)

Four sisters did odd jobs on the weekend and were paid in quarters. The table shows how many quarters they earned. Complete the table with the value of each sister's quarters.

| Name | Beverly | Andrea | Nicky | Blair |
|---|---|---|---|---|
| Number of Quarters | 8 | 28 | 20 | 12 |
| Total Value (cents) | | | | |
| Total Value ($) | | | | |

MAFS.4.OA.2.4

2)

Which number is a factor of 36 and a multiple of 9?

Ⓐ 3          Ⓑ 6          Ⓒ 12          Ⓓ 18

MAFS.4.NBT.1.3

3)

The table lists the ages of five family members.

| Name | Ben | Ann | Leah | Toby | Roy |
|---|---|---|---|---|---|
| Age | 11 | 16 | 23 | 37 | 7 |

Which two have a combined age closest to 40? _____ and _____

Who is closest to being 3 times Ben's age? _____

Who is closest to being 4 times Roy's age? _____

# Bear Blitz

**Day 31**

MAFS.4.OA.1.2

1)

A restaurant makes 18 apple pies. Each pie is cut into 8 pieces and each piece is sold for $3. How much would be made if all the pieces were sold?

**Show your work.**

**Answer $**_____

MAFS.4.OA.2.4

2)

Leticia used muffin tins like the one below to bake batches of muffins for a bake sale. The muffin tin was full for each batch.
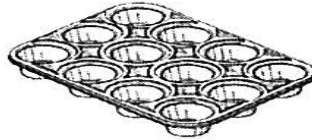
Which of these could be the total number of muffins she baked? Select all the possible answers.

☐ 18           ☐ 24           ☐ 30           ☐ 42

☐ 48           ☐ 52           ☐ 60           ☐ 84

MAFS.4.NF.1.2

3)

## Which fraction below is the greatest?

Ⓐ $\frac{7}{12}$          Ⓑ $\frac{1}{4}$          Ⓒ $\frac{2}{3}$          Ⓓ $\frac{5}{6}$

# Bear Blitz

MAFS.4.OA.1.2

1)

Kym is buying cotton and lace to make curtains. The cotton costs $12 per yard and the lace costs $8 per yard. Kym buys 16 yards of cotton and 6 yards of lace. How much would Kym pay for the cotton and lace?

**Show your work.**

**Answer $_____**

MAFS.4.OA.2.4

2)

Based on the number line below, what are the first 3 multiples of 16?
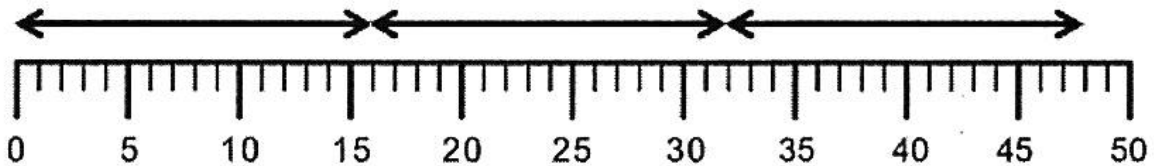


**Multiples _____, _____, and _____**

# Bear Blitz

**Day 33**

MAFS.4.OA.1.2

1)

Jane sorted the coins she had into groups to count them. Jane wrote this list to describe her coins.

- There are 6 quarters.
- There are 3 times as many dimes as quarters.
- There are 4 times as many nickels as dimes.
- There are 10 times as many pennies as quarters.

Find the number of coins of each type Jane has.

**Show your work.**

**Answer** _____ quarters, _____ dimes, _____ nickels, _____ pennies

MAFS.4.NBT.1.3

2)

Tara worked for 42 hours and earned $18 per hour. Which is the best estimate of the total amount she made?

Ⓐ $400         Ⓑ $600         Ⓒ $800         Ⓓ $900

# Bear Blitz

**Day 34**

MAFS.4.OA.1.2

1)

Stefan's basketball team scored 18 points in the first half of the game. The team scored 3 times as many points in the second half. What was the total number of points scored?

**Show your work.**

**Answer** _____ points

Stefan scored 7 of the total points. Luke scored 6 times as many total points as Stefan. How many points did Luke score?

**Show your work.**

**Answer** _____ points

MAFS.4.OA.2.4

2)

Stuart makes the first layer of a wall by placing 6 bricks in a row. He uses another 6 bricks to make the second row. He keeps adding layers of 6 bricks until the wall is complete.
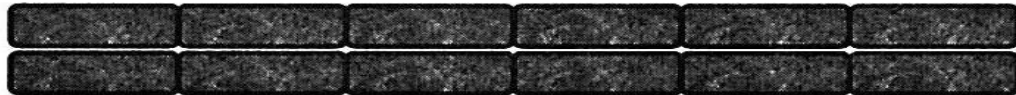


Which of these could be the total number of bricks in the wall? Circle all the possible answers.

**22   24   32   36   40   44   48   52   58   64**

# *Bear Blitz*

**Day 35**

MAFS.4.OA.1.2

1)

Austen's phone bill was $16 in January. It was 3 times as much in February as in January. It was 2 times as much in March as in February. What was Austen's total phone bill for the three months?

**Show your work.**

**Answer $_____**

MAFS.4.OA.2.4

2)

Use the number line below to show all the multiples of 9 from 0 to 50. List the multiples below.
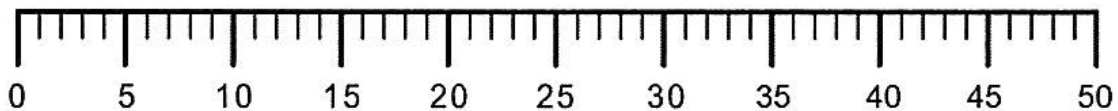
**Multiples _____, _____, _____, _____, and _____**

# Bear Blitz

1)

Madeline made a quilt by sewing square pieces of material together. The first row of her quilt is shown below.



Madeline made a quilt that was 4 rows wide. How many pieces of material did Madeline use?

**Show your work.**

**Answer** _____ pieces

Madeline then decided to make the quilt 2 times as long and 3 times as wide. How many pieces of material would be used to make this quilt?

**Show your work.**

**Answer** _____ pieces

# Bear Blitz

**Day 37**

MAFS.4.NF.1.1

**1**   What fraction of the figure below is shaded?
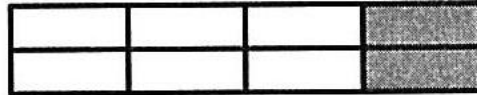


Ⓐ $\frac{1}{2}$          Ⓑ $\frac{1}{3}$          Ⓒ $\frac{1}{4}$          Ⓓ $\frac{3}{4}$

MAFS.4.NBT.1.3

2)

A mail carrier delivered 2,482 letters in the morning and 578 letters in the afternoon. Which is the best estimate of the number of letters delivered in all?

Ⓐ 2,500          Ⓑ 2,600          Ⓒ 2,900          Ⓓ 3,100

MAFS.4.

3)

A bike race traveled from end of a town to the other. What was the most likely distance of the bike race?

Ⓐ 40 millimeters                    Ⓑ 40 centimeters

Ⓒ 40 kilometers                      Ⓓ 40 meters

# Bear Blitz

**Day 38**

MAFS.4.NF.1.1

**1** Which fraction is equivalent to $\frac{8}{12}$?

Ⓐ $\frac{2}{3}$    Ⓑ $\frac{2}{6}$    Ⓒ $\frac{1}{4}$    Ⓓ $\frac{1}{3}$

MAFS.4.NBT.1.3

2)

A train travels 68 miles in 1 hour. If the train travels at the same speed, which is the best way to estimate how many miles the train travels in 4 hours?

Ⓐ $70 \times 4 = 280$    Ⓑ $65 \times 4 = 260$    Ⓒ $70 \times 5 = 350$    Ⓓ $60 \times 5 = 300$

MAFS.4.

3)

Which of these is most likely to be the length of a cob of corn?
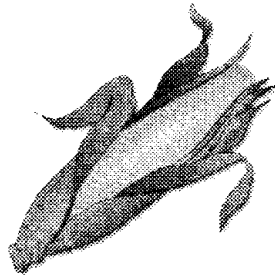
Ⓐ 7 feet    Ⓑ 7 inches    Ⓒ 7 yards    Ⓓ 7 miles

# Bear Blitz

**Day 39**

**1** Which fraction below is the greatest?

Ⓐ $\frac{7}{12}$ 　　　　Ⓑ $\frac{1}{4}$ 　　　　Ⓒ $\frac{2}{3}$ 　　　　Ⓓ $\frac{5}{6}$

2)

Round the two-digit number down and up to the nearest ten to find two numbers the product will be between. Then complete the sentence.

$81 \times 6$ 　　　　_____ × 6 = _____ 　　　　_____ × 6 = _____

The product of 81 and 6 will be between _____ and _____.

$47 \times 5$ 　　　　_____ × 5 = _____ 　　　　_____ × 5 = _____

The product of 47 and 5 will be between _____ and _____.

$93 \times 7$ 　　　　_____ × 7 = _____ 　　　　_____ × 7 = _____

The product of 93 and 7 will be between _____ and _____.

$72 \times 9$ 　　　　_____ × 9 = _____ 　　　　_____ × 9 = _____

The product of 72 and 9 will be between _____ and _____.

$38 \times 8$ 　　　　_____ × 8 = _____ 　　　　_____ × 8 = _____

The product of 38 and 8 will be between _____ and _____.

# **Bear Blitz**

**Day 40**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

**1** What is the value of $\frac{3}{10} + \frac{6}{10}$?

Ⓐ $\frac{9}{10}$   Ⓑ $\frac{9}{20}$   Ⓒ $\frac{9}{100}$   Ⓓ $\frac{18}{100}$

MAFS.4.

2)

Which is the best estimate of the mass of a truck?
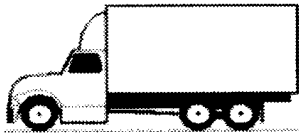
Ⓐ 5 tons   Ⓑ 5 pounds   Ⓒ 50 ounces   Ⓓ 50 kilograms

MAFS.4.

3)

Justin makes a cup of herb tea by adding hot water to a tea cup.

About how much water could Justin have added to the tea cup?

Ⓐ 200 milliliters   Ⓑ 200 pints   Ⓒ 200 liters   Ⓓ 200 quarts

# Bear Blitz

**Day 41**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

**1**    Which expression represents the fraction of the figure that is shaded?
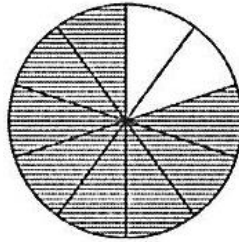


Ⓐ $\frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

Ⓑ $\frac{3}{10} + \frac{3}{10} + \frac{3}{10}$

Ⓒ $\frac{6}{10} + \frac{2}{10} + \frac{2}{10}$

Ⓓ $\frac{3}{10} + \frac{2}{10} + \frac{3}{10}$

MAFS.4.MD.1.1

2)

Which measurement is the smallest?

Ⓐ 1 meter        Ⓑ 1 centimeter     Ⓒ 1 millimeter      Ⓓ 1 kilometer

MAFS.4.

3)

**Order** the amounts below from the smallest amount to the greatest amount. Write the numbers 1, 2, 3, 4 on the lines to show the order.

_____ 1 quart        _____ 1 gallon        _____1 pint            _____ 1 cup

# Bear Blitz

**Day 42**

MAFS.4.NF.1.1

1)

Which fraction is equivalent to the shaded area of the rectangle?
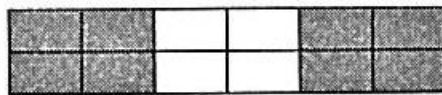
Ⓐ $\frac{1}{2}$

Ⓑ $\frac{3}{4}$

Ⓒ $\frac{2}{3}$

Ⓓ $\frac{1}{3}$

MAFS.4.NF1.2

2)

What do the shaded models below show?
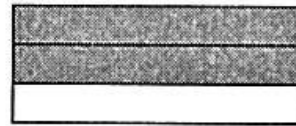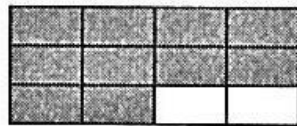
Ⓐ $\frac{10}{12} > \frac{2}{3}$

Ⓑ $\frac{1}{3} > \frac{5}{6}$

Ⓒ $\frac{1}{12} > \frac{1}{3}$

Ⓓ $\frac{5}{6} = \frac{2}{3}$

# Bear Blitz

**Day 43**

MAFS.4.NF.1.1

1)

Which fraction is equivalent to the shaded area of the rectangle?
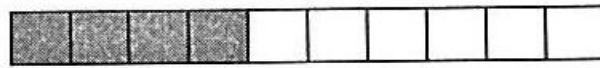
Ⓐ $\frac{4}{6}$  Ⓑ $\frac{2}{10}$  Ⓒ $\frac{2}{3}$  Ⓓ $\frac{2}{5}$

MAFS.4.

2)

Estimate each division problem by completing the division of the nearest number lower and higher that divides evenly. Then complete the sentence. The first one has been completed for you.

48 ÷ 5           45 ÷ 5 = 9           50 ÷ 5 = 10

The result of 48 ÷ 5 will be between 9 and 10.

26 ÷ 5           _____ ÷ 5 = _____           _____ ÷ 5 = _____

The result of 26 ÷ 5 will be between _____ and _____.

33 ÷ 4           _____ ÷ 4 = _____           _____ ÷ 4 = _____

The result of 33 ÷ 4 will be between _____ and _____.

40 ÷ 6           _____ ÷ 6 = _____           _____ ÷ 6 = _____

The result of 40 ÷ 6 will be between _____ and _____.

83 ÷ 8           _____ ÷ 8 = _____           _____ ÷ 8 = _____

The result of 83 ÷ 8 will be between _____ and _____.

# Bear Blitz

**Day 44**

MAFS.4.MD.1.1

1)

For a school project, the students found the mass of items in a kitchen. For each item listed below, select the correct unit of either grams or kilograms. Write kg or g on the blank line to show your choice.

| Item | Mass |
|------|------|
| fridge | 85 ___ |
| wooden spoon | 40 ___ |
| microwave oven | 26 ___ |
| dinner plate | 455 ___ |
| teaspoon | 22 ___ |
| cheese grater | 140 ___ |
| blender | 16 ___ |

MAFS.4.

2)

# **Bear Blitz**

**Day 45**

MAFS.4.MD.1.1

1)

Which of these measurements are about 1 foot? Select all the correct answers.

☐ the width of a laptop computer

☐ the length of a computer mouse

☐ the height of a computer desk

☐ the length of a keyboard

☐ the width of a business card

☐ the height of a filing cabinet

MAFS.4.

2)

# Bear Blitz

**Day 46**

MAFS.4.MD.1.1

1)

A list of food items are given below. The items can be sorted by mass. Estimate the mass of each item and place it in the correct place in the table. Complete the table so that there are 4 items in each category.

grain of rice        apple        banana        peanut

pumpkin        watermelon        bean        egg

pineapple        French fry        loaf of bread        turkey

**Estimated Mass of Items**

| Less than 10 grams | Between 11 and 1000 grams | Over 1 kilogram |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Bear Blitz

**Day 47**

1)

MAFS.4.NF.1.1

Which fraction could the point on the number line represent? Select all the possible answers.
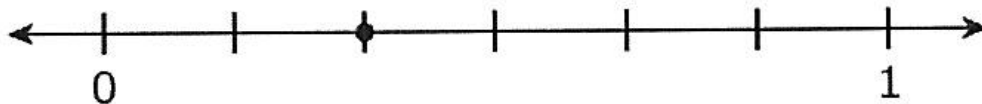


☐ $\frac{6}{10}$  ☐ $\frac{2}{6}$  ☐ $\frac{1}{3}$  ☐ $\frac{2}{4}$

☐ $\frac{3}{8}$  ☐ $\frac{4}{12}$  ☐ $\frac{1}{6}$  ☐ $\frac{4}{10}$

MAFS.4.MD.1.1

2)

A list of distances is shown below.

30 cm          305 mm          3 m          34 cm          330 cm

Place the measurements listed in order from the smallest distance to the greatest distance. Show your work or explain how you found your answer.

# Bear Blitz

**Day 48**

MAFS.4.MD.1.1

1)

Harriet fills the blender below to the top to make a smoothie.

Which of these is the most likely total volume of smoothie made? Circle the most likely answer.

3 gallons          3 quarts          3 pints          3 cups

Harriett pours all the liquid from the blender into 6 glasses. She pours an equal amount into each glass. Which of these is the most likely amount of smoothie in each glass? Circle the most likely answer.

1 gallon          1 quart          1 pint          1 cup

Explain how you chose the answer above.


MAFS.4.

2)

Jamie held his breath for 1 minute. Kara held her breath for 70 seconds. Who held their breath for the longest? Show your work or explain how you found your answer.

# Bear Blitz

**Day 49**

MAFS.4.MD.1.1

1  Alison bought a half gallon carton of milk. How many quarts of milk did the milk carton contain?

Ⓐ 1 quart          Ⓑ 2 quarts          Ⓒ 4 quarts          Ⓓ 8 quarts

2  Mrs. Masters added 2 liters of oil to her car. How many milliliters of oil did Mrs. Masters use?

Ⓐ 20 mL          Ⓑ 200 mL          Ⓒ 2,000 mL          Ⓓ 20,000 mL

3  Which of the following is equal to 10 hours?

Ⓐ 600 minutes                    Ⓑ 1,000 minutes

Ⓒ 10,000 seconds                 Ⓓ 60,000 seconds

# Bear Blitz

**Day 50**

MAFS.4.NF.1.1

1)

Which model is shaded to show a fraction equivalent to $\frac{1}{3}$?

Ⓐ

Ⓑ

Ⓒ

Ⓓ
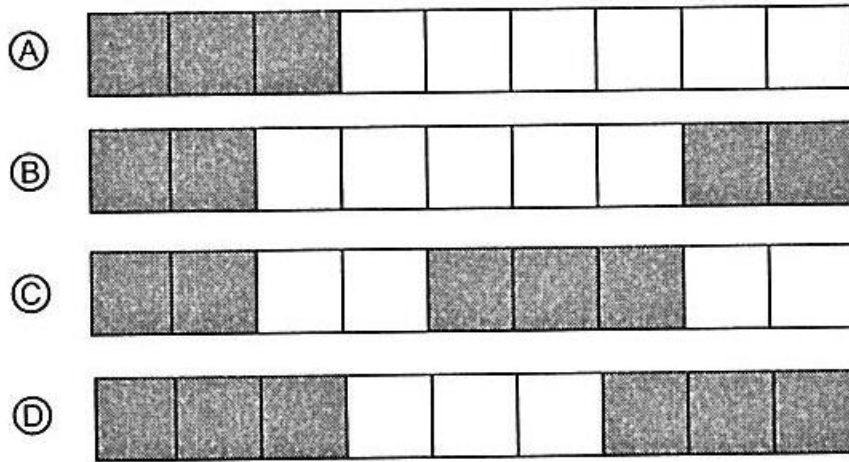
MAFS.4.MD.1.1

2)

Marcus competed in a marathon. He ran 42 kilometers. How many meters did Marcus run?

Ⓐ 420 m      Ⓑ 4,200 m      Ⓒ 42,000 m      Ⓓ 420,000 m

# Bear Blitz

**Day 51**

MAFS.4.

1)

Which number makes the number sentence below true?

$$\frac{1}{6} \times \boxed{\phantom{0}} = \frac{5}{6}$$

(A) 3          (B) 4          (C) 5          (D) 6

MAFS.4.MD.1.1

2)

A pumpkin has a mass of 4 pounds. Which pumpkins below have a **mass** greater than 4 pounds? Select all the correct answers.

☐ 48 ounces      ☐ 52 ounces      ☐ 60 ounces

☐ 58 ounces      ☐ 80 ounces      ☐ 66 ounces

☐ 42 ounces      ☐ 86 ounces      ☐ 50 ounces

**Day 52**

MAFS.4.NF.2.4

1)

The fraction model below represents 6 whole units.
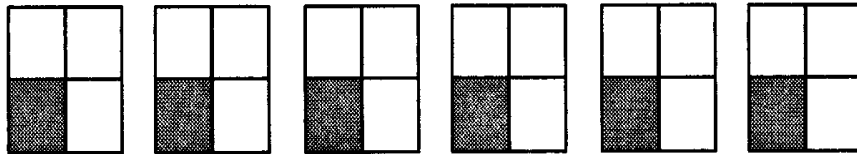
Which number sentence represents the amount of the fraction model that is shaded?

Ⓐ $4 \times \dfrac{1}{4}$ 　　　Ⓑ $4 \times \dfrac{1}{6}$ 　　　Ⓒ $6 \times \dfrac{1}{4}$ 　　　Ⓓ $6 \times \dfrac{1}{6}$

MAFS.4.

2)

Bananas weigh between 3 and 5 ounces each. Donna bought 1 pound of bananas. About how many bananas did Donna buy?

Ⓐ 2 bananas 　　　Ⓑ 4 bananas 　　　Ⓒ 48 bananas 　　　Ⓓ 64 bananas

**Day 53**

MAFS.4.NF.1.2

1)

Which number sentence is true?

Ⓐ $\frac{5}{8} > \frac{3}{4}$      Ⓑ $\frac{1}{6} > \frac{1}{3}$      Ⓒ $\frac{10}{12} < \frac{3}{4}$      Ⓓ $\frac{5}{12} < \frac{1}{2}$

MAFS.4.NF.2.2

2)

The fraction model below represents $4 \times \frac{3}{10}$.
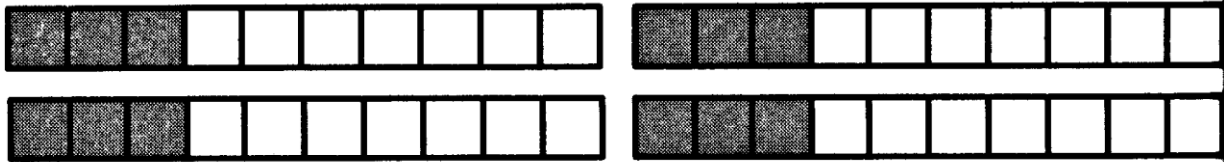
What is the value of $4 \times \frac{3}{10}$?

Ⓐ $\frac{7}{10}$      Ⓑ $\frac{12}{10}$      Ⓒ $\frac{3}{40}$      Ⓓ $\frac{12}{40}$

# Bear Blitz

**Day 54**

MAFS.4.NF.2.4

1)

Which expression is the same as $\frac{1}{3} \times 4$?

Ⓐ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$   Ⓑ $\frac{1}{3} \times \frac{4}{4}$        Ⓒ $\frac{1}{3} \times \frac{1}{4}$        Ⓓ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

MAFS.4.

2)

A list of heights is shown below.

2 yards        7 feet        48 inches        5 feet        88 inches

Place the heights listed in order from the shortest to the tallest. Show your work or explain how you found your answer.

# Bear Blitz

1)

Complete the missing number in each number sentence below.

$$\frac{5}{4} = \underline{\quad} \times \frac{1}{4}$$

$$\frac{8}{5} = \underline{\quad} \times \frac{1}{5}$$

$$\frac{7}{3} = \underline{\quad} \times \frac{1}{3}$$

$$\frac{4}{6} = \underline{\quad} \times \frac{1}{6}$$

$$\frac{9}{10} = \underline{\quad} \times \frac{1}{10}$$

$$\frac{12}{8} = \underline{\quad} \times \frac{1}{8}$$

$$\frac{11}{12} = \underline{\quad} \times \frac{1}{12}$$

$$\frac{31}{100} = \underline{\quad} \times \frac{1}{100}$$

# *Bear Blitz*

**Day 56**

MAFS.4.NF.2.4

1)

Write each multiplication expression as an addition expression. Then complete the calculation to find the answer.

| Multiplication Expression | Addition Expression | Answer |
|---|---|---|
| $\dfrac{1}{2} \times 4$ | | |
| $\dfrac{2}{3} \times 3$ | | |
| $\dfrac{2}{5} \times 4$ | | |
| $\dfrac{5}{6} \times 3$ | | |
| $\dfrac{3}{4} \times 5$ | | |
| $\dfrac{7}{8} \times 4$ | | |

**Day 57**

MAFS.4.NF.1.1

1)

Mr. Hamlin owns 4 spotted bow ties and 16 plain bow ties.

Complete the fractions that show the fraction of bow ties that are plain.

$$\frac{\boxed{\phantom{0}}}{20} = \frac{\boxed{\phantom{0}}}{10} = \frac{\boxed{\phantom{0}}}{5}$$

MAFS.4.

2)

# Bear Blitz

**Day 58**

MAFS.4.MD.1.1

1)

The table shows the relationship between gallons, quarts, and pints. Complete the table with the missing measurements.

| Gallons | Quarts | Pints |
|---------|--------|-------|
|         | 4      |       |
|         |        | 16    |
| 4       |        |       |
|         | 32     |       |
|         |        | 80    |

MAFS.4.MD.1.1

2)

The width of a field is 180 feet. What is the width of the field in yards? What is the width of the field in inches?

**Show your work.**

# Bear Blitz

**Day 59**

MAFS.4.NBT.1.3

1)

An online bookstore sells 48 books every hour. At this rate, about how many books will the bookstore sell in 8 hours?

**Show your work.**

MAFS.4.MD.1.1

2)

Kendra squeezed some oranges and collected 4 pints of orange juice. How many quarts of orange juice did she collect?

**Show your work.**

MAFS.4.MD.1.1

3)

It took Bianca 3 hours and 10 minutes to travel to her aunt's house. How long did the trip take in minutes?

**Show your work.**

# Bear Blitz

**Day 60**

MAFS.4.NF.1.1

1)

Which fraction can be simplified to a simpler form?

(A) $\frac{3}{100}$       (B) $\frac{21}{100}$       (C) $\frac{25}{100}$       (D) $\frac{31}{100}$

MAFS.4.MD.1.1

2)

A puppy weighed 6 kilograms at the start of the week. It's weight increased by 280 grams by the end of the week. How much did the puppy weigh at the end of the week?

**Show your work.**

**Day 61**

MAFS.4.MD.1.1

1)

The diameter of a basketball is 24 cm. The diameter of a baseball is 75 mm.



[not to scale]

75 mm

24 cm
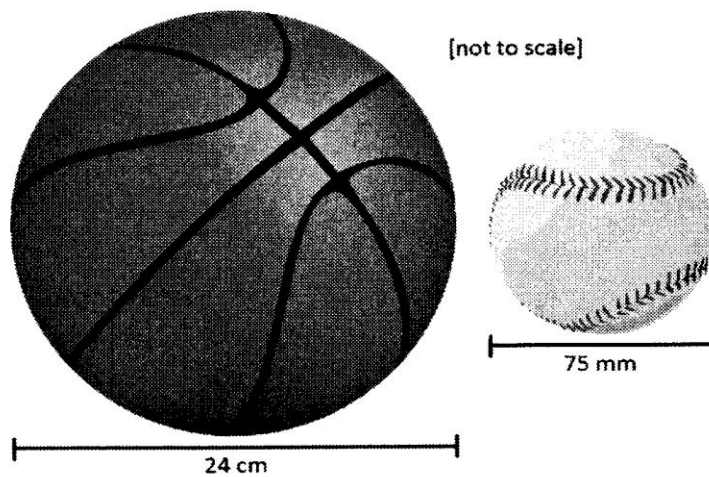
What is the difference between the diameter of the basketball and the diameter of the baseball?

**Show your work.**

MAFS.4.MD.1.1

2)

There are 5,280 feet in a mile. Jackson wants to walk 2 miles. He has already walked 8,500 feet. How many more feet does he need to walk to reach 2 miles?

# Bear Blitz

**Day 62**

MAFS.4.MD.3

1)

Which two statements explain why the diagram below shows lines? Select the two correct answers.

☐ They are straight.

☐ They form angles.

☐ They have endpoints.

☐ They continue in both directions without ending.

☐ They meet and cross over each other.

MAFS.4.MD.3

2)

A ray is shown below.

Describe one way a ray is similar to a line segment.

Describe one way a ray is different from a line segment.

Describe one way a ray is different from a line.

# Bear Blitz

**Day 63**

1)

Draw endpoints or arrows on the end of each diagram below to show the difference between a line, a ray, and a line segment.

Line _____

Ray _____

Line segment _____

2)

Which shape below appears to have only obtuse angles?

Ⓐ  Ⓑ  Ⓒ  Ⓓ
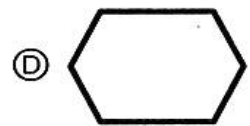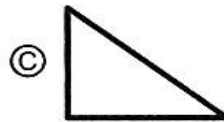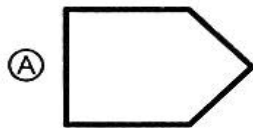
3)

The top of a gift box is in the shape of a star, as shown below.
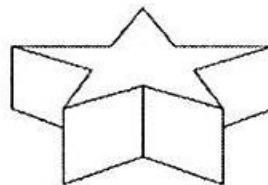
How many acute angles does the star have? _____ acute angles

# Bear Blitz

**Day 64**

1)

Place the fractions below in order from smallest to greatest. Write the numbers 1, 2, 3, and 4 on the lines to show the order.

___ $\dfrac{3}{5}$          ___ $\dfrac{3}{10}$          ___ $\dfrac{7}{10}$          ___ $\dfrac{4}{5}$

2)

Which term describes angle *P*?



Ⓐ acute          Ⓑ obtuse          Ⓒ right          Ⓓ straight
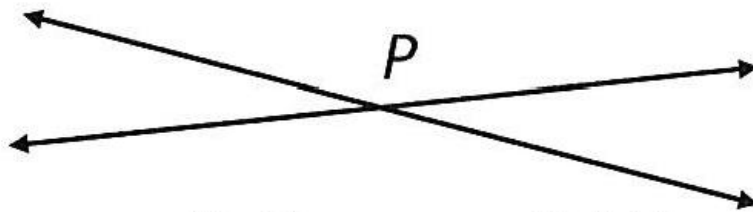
3)

Which letter below has a line of symmetry?

Ⓐ F          Ⓑ G          Ⓒ L          Ⓓ W

# Bear Blitz

**Day 65**

MAFS.4.NBT.1.3

1)

Cans of chicken soup are sold in boxes of 24. A grocery store ordered 205 boxes of chicken soup. Round each number to the nearest ten to estimate how many cans of chicken soup the store ordered.

**Show your work.**

**Answer** _____ cans

Is your estimate less than or greater than the actual amount ordered? Explain your answer.

MAFS.4.G.1.3

2)

Which letter below has more than one line of symmetry?

Ⓐ H        Ⓑ K        Ⓒ S        Ⓓ U

# Bear Blitz

**Day 66**

MAFS.4.NF.1.2

1)

Rewrite the fractions below as fractions with the denominator 12.

$$\frac{2}{3} =$$

$$\frac{3}{4} =$$

$$\frac{1}{2} =$$

$$\frac{5}{6} =$$

Use the fractions you wrote to place the fractions below in order from lowest to highest. Write the fractions on the lines.

$$\frac{2}{3}, \frac{3}{4}, \frac{1}{2}, \frac{5}{6}, \frac{7}{12}, \frac{5}{12}$$

**Lowest**                                                                                           **Highest**

_____    _____    _____    _____    _____    _____

MAFS.4.NF.1

2)

Place the list of fractions below in order from lowest to highest. Show your work or explain how you found your answer.

$$\frac{4}{5}, \frac{7}{10}, \frac{9}{10}, \frac{21}{25}, \frac{85}{100}, \frac{3}{5}$$

# Bear Blitz

**Day 67**

MAFS.4.NF.1.1

1)

Shade half of each model below. Then use the model to complete the fractions equivalent to $\frac{1}{2}$.

$$\frac{1}{2} \qquad \frac{}{4} \qquad \frac{}{6} \qquad \frac{}{8} \qquad \frac{}{12}$$
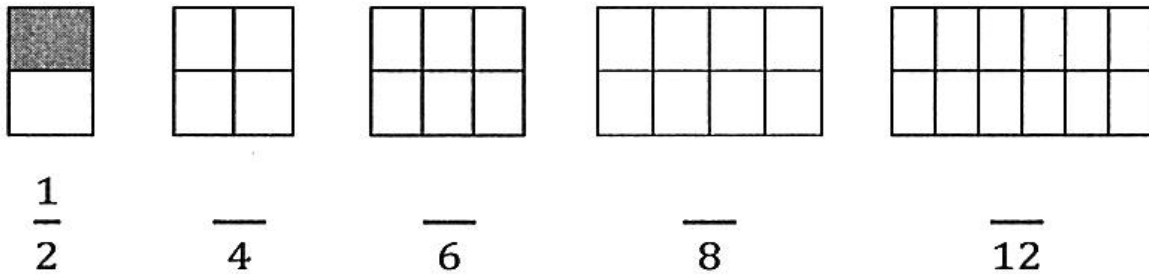
MAFS.4.G.1.3

2)

Which diagram shows a line of symmetry?

Ⓐ

Ⓑ

Ⓒ

Ⓓ
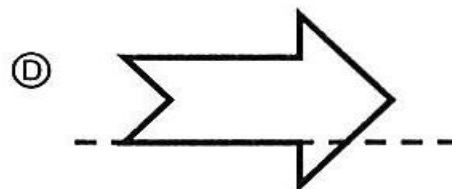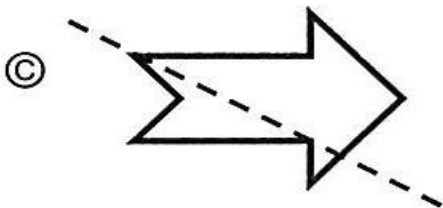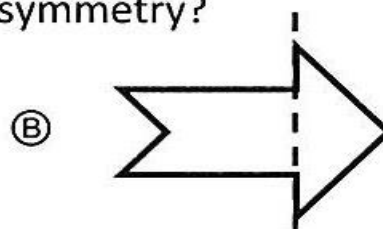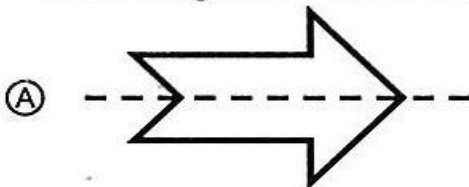
**Day 68**

MAFS.4.NBT.1.3

1)

Parker wants to order 67 hats for the members of the science club. He has $300 to spend on hats. He completes the estimation below.

$$300 \div 60 = 5$$

He states that he can buy all the hats he needs if the hats are $5 each. Explain what is wrong with Parker's decision.

MAFS.4.G.1.3

2)

Which figure below has a line of symmetry?

Ⓐ

Ⓑ

Ⓒ

Ⓓ
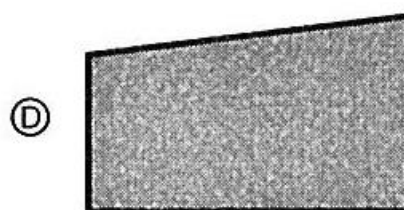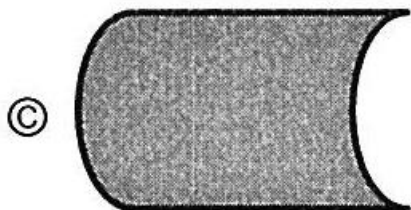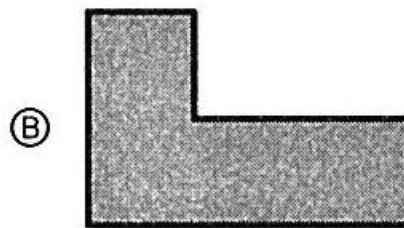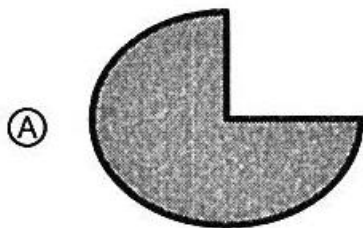
# Bear Blitz

**Day 69**

MAFS.4.G.1.1

1)

Complete the drawing of an acute angle below. Then write the symbol <, >, or = in the empty box to explain why the angle is acute.

measure of the angle ☐ 90°

Complete the drawing of an obtuse angle below. Then write the symbol <, >, or = in each empty box to explain why the angle is obtuse.

measure of the angle ☐ 90°, but ☐ 180°

Complete the drawing of a right angle below. Then write the symbol <, >, or = in the empty box to explain why the angle is right.

measure of the angle ☐ 90°

**Day 70**

MAFS.4.NF.1.1

1)

Which figure is shaded to represent a fraction equivalent to the model below?
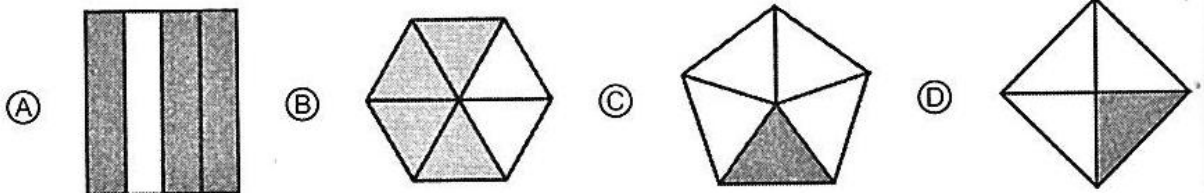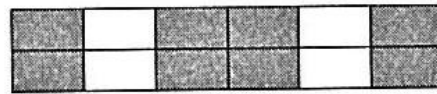


MAFS.4.NBT.1.3

2)

Molly saved $7 each week for 38 weeks. Would she have saved just under $280 or just over $280? Explain your answer.

MAFS.4.G.1.1

3)

Draw a triangle with one obtuse angle.
Draw a triangle with three acute angles.

Draw a quadrilateral with two obtuse angles and two acute angles.

Draw a quadrilateral with two right angles, one acute angle, and one obtuse angle.

**Day 71**

MAFS.4.G.1.2

1)

Which of these represents a perpendicular relationship in the diagram below?
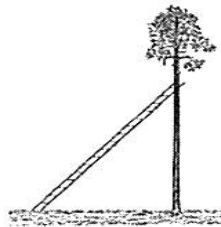


Ⓐ the relationship between the bottom of the ladder and the ground

Ⓑ the relationship between the top of the ladder and the ground

Ⓒ the relationship between the tree and the ladder

Ⓓ the relationship between the tree and the ground

MAFS.4.G.1.2

2)

Which of these are shown in the diagram below?
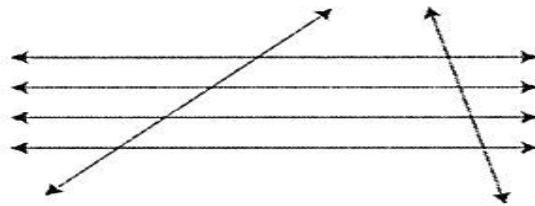


Ⓐ only parallel lines

Ⓑ only perpendicular lines

Ⓒ both parallel and perpendicular lines

Ⓓ neither parallel nor perpendicular lines

# Bear Blitz

**Day 72**

MAFS.4.

1)

**Shade** the diagram below to represent the expression $\frac{1}{8} \times 4$.
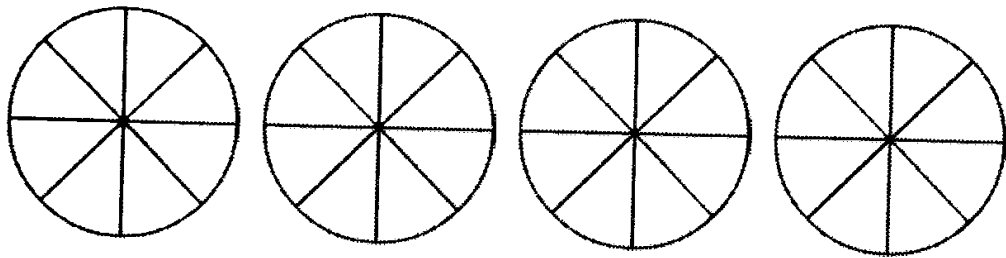


**What** is the value of $\frac{1}{8} \times 4$? _____

MAFS.4.G.1.2

2)

Which shape has two pairs of parallel sides?
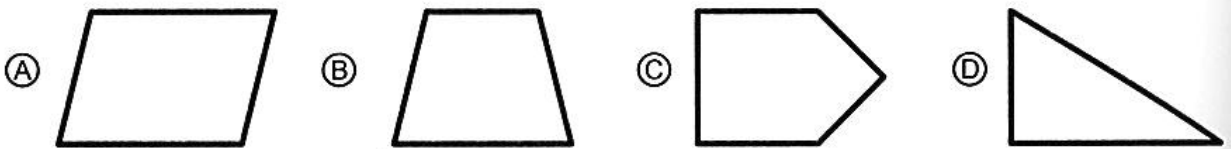
# Bear Blitz

MAFS.4.NBT.2.5

1)

**W**rite an equation that is represented by the diagram below.

$\times\ 9\ =$
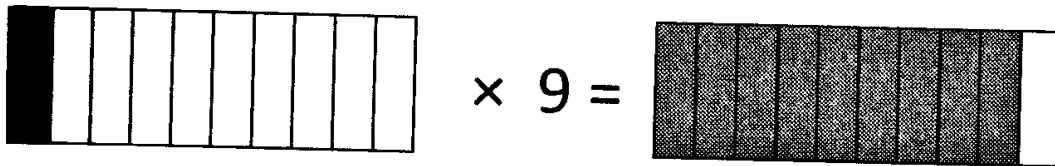
**Equation**

_____

MAFS.4.G.1.1

2)

Draw a second line below that is perpendicular to the line shown.

What is the measure of the angle between the two lines? _____°

# Bear Blitz

MAFS.4.G.1.1

1)

Three lines are shown below.
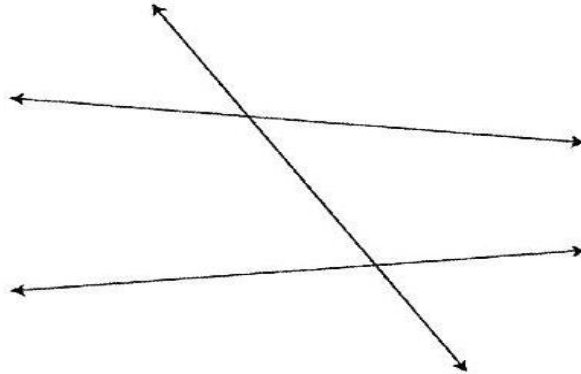


Are any of the lines parallel to each other? Explain how you can tell.

Are any of the lines perpendicular to each other? Explain how you can tell.

MAFS.4.G.1.1

2)

Abby states that the two pairs of lines below are both parallel because they do not intersect.



Pair 1

Pair 2
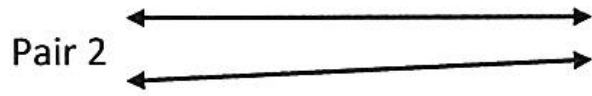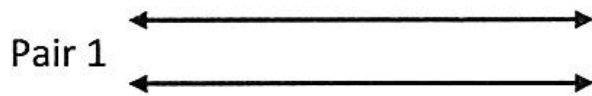
Explain why Abby is incorrect.

**Day 75**

MAFS.4.NF.1.2

1)

Which fractions can be placed in the empty box to make the statement below true? Select all the correct answers.

$$\frac{1}{4} < \boxed{\phantom{x}}$$

☐ $\frac{5}{6}$  ☐ $\frac{3}{4}$  ☐ $\frac{1}{3}$  ☐ $\frac{1}{6}$

☐ $\frac{1}{2}$  ☐ $\frac{1}{8}$  ☐ $\frac{1}{10}$  ☐ $\frac{3}{12}$

MAFS.4.G.1.1

2)

Draw a second line below that intersects the line shown but is not perpendicular to it.

⟵――――――――――⟶

Describe the types of angles that are formed.

# *Bear Blitz*

**Day 76**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

1)

Shade the models below to find the sum given. Then write the answer on the blank line.
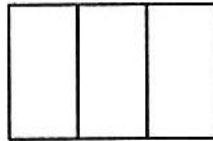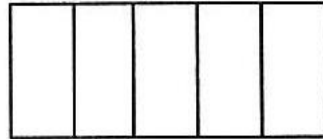
| Sum | Model | Answer |
|-----|-------|--------|
| $\frac{1}{3} + \frac{1}{3}$ | | _____ |
| $\frac{1}{5} + \frac{2}{5}$ | | _____ |
| $\frac{1}{6} + \frac{3}{6}$ | | _____ |
| $\frac{3}{12} + \frac{1}{12} + \frac{2}{12}$ | | _____ |
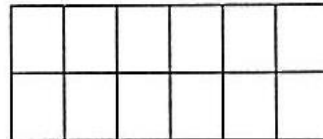
# Bear Blitz

**Day 77**

MAFS.4.NF.1.1

1)

Shade the diagrams below to show the fraction $\frac{2}{5}$ and a fraction equivalent to $\frac{2}{5}$. Then write the equivalent fraction for the second diagram.

**Fraction** $\frac{2}{5}$

**Fraction** —
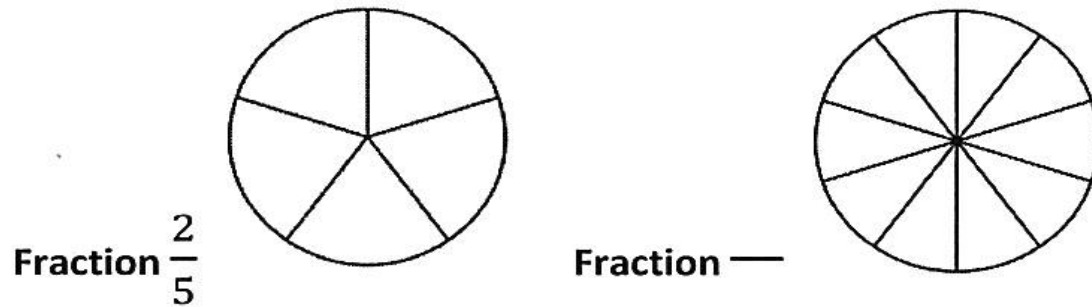
MAFS.4.G.1.1

2)

Which term best describes each side of the triangle below?
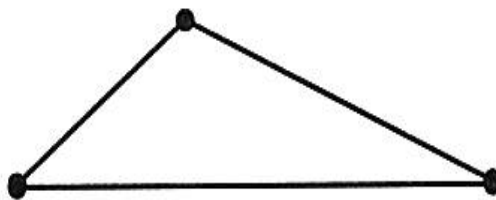
Ⓐ ray      Ⓑ line      Ⓒ angle      Ⓓ line segment

# Bear Blitz

**Day 78**

1)

Which of these could be the perimeter of a square with whole-number side lengths?

Ⓐ 25 inches          Ⓑ 29 inches          Ⓒ 34 inches          Ⓓ 48 inches

2)

Which rectangles have a perimeter the same as the rectangle shown below? Select all the correct answers.

4 m
8 m
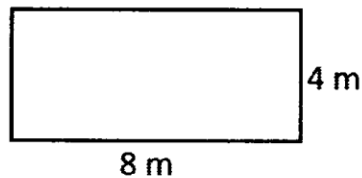
☐ 16 cm by 2 cm          ☐ 7 cm by 5 cm          ☐ 3 cm by 9 cm

☐ 10 cm by 3 cm          ☐ 16 cm by 1 cm          ☐ 14 cm by 6 cm

3)

The rectangle below has a perimeter of 36 centimeters.

? cm
15 cm
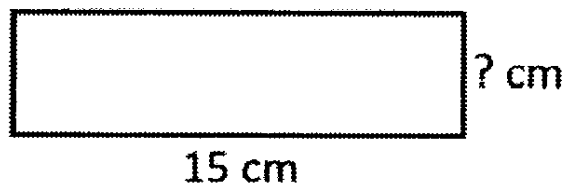
What is the width of the rectangle?

# Bear Blitz

MAFS.4.MD.2

1)

Cameron asked the students in his class who walk to school how far they live from school. He represented the data in the line plot below.

```
X                                       X
X                   X                   X           X
X       X           X           X       X           X
_____
1       1           3           1       5           3
-       -           -           -       -           -
8       4           8           2       8           4
```
**Distance from School (miles)**
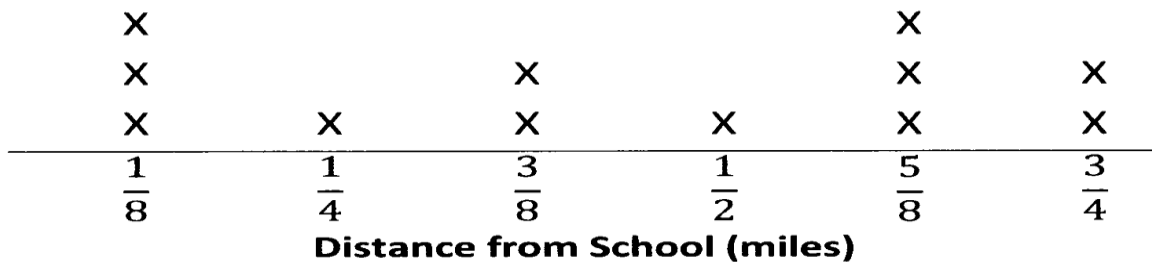
How many students does the data in the line plot represent?

Ⓐ 6               Ⓑ 8               Ⓒ 10               Ⓓ 12

MAFS.4.MD.2

2)

The list shows the height of the bar that students cleared in a high jump competition.

**Height of the Bar Cleared (inches)**

$3, 2\frac{1}{2}, 2\frac{1}{2}, 2, 2, 2\frac{1}{2}, 2\frac{1}{4}, 2\frac{1}{2}, 1\frac{3}{4}, 2\frac{3}{4}, 2, 2\frac{1}{2}, 1\frac{3}{4}$

Use the data to complete the line plot below.

```
X
X
_____
1 3/4       2          2 1/4       2 1/2       2 3/4       3
```
**Height of the Bar Cleared (inches)**
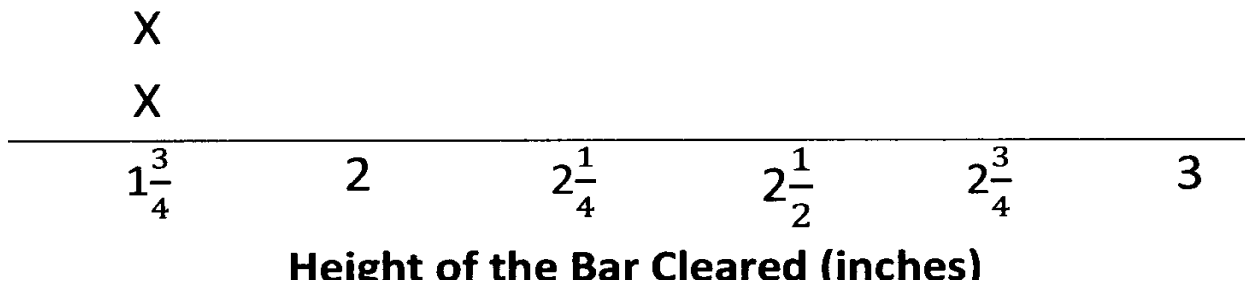
# Bear Blitz

**Day 80**

MAFS.4.NF.1.1

1)

Which pairs of fractions below are equivalent? Select all the correct answers.

☐ $\frac{2}{6}$ and $\frac{2}{12}$  ☐ $\frac{3}{6}$ and $\frac{6}{8}$  ☐ $\frac{1}{3}$ and $\frac{2}{6}$  ☐ $\frac{4}{5}$ and $\frac{8}{10}$

☐ $\frac{1}{4}$ and $\frac{2}{5}$  ☐ $\frac{3}{4}$ and $\frac{9}{12}$  ☐ $\frac{1}{5}$ and $\frac{1}{10}$  ☐ $\frac{2}{4}$ and $\frac{50}{100}$

MAFS.4.MD.1.3

2)

A rectangular cutting board is 16 inches long and 11 inches wide. What is the perimeter of the cutting board?

Ⓐ 27 inches  Ⓑ 54 inches  Ⓒ 108 inches  Ⓓ 176 inches

MAFS.4.MD.1.3

3)

Which expression can be used to find the perimeter of a rectangle with a length of 6 meters and a width of 18 meters, in meters?

Ⓐ 6 + 18  Ⓑ 6 × 18

Ⓒ 2 × (6 + 18)  Ⓓ 18 + 18 + 18 + 6 + 6 + 6

# Bear Blitz

**Day 81**

MAFS.4.NF.2

1)

**Shade** the diagram below to show the product of $\frac{1}{5}$ and 4.

☐☐☐☐☐  ×  4 =  ☐☐☐☐☐
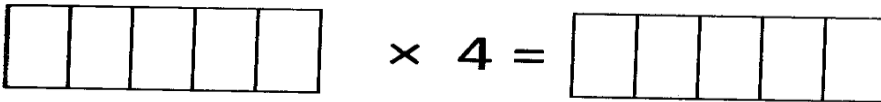
**What** is the product of $\frac{1}{5}$ and 4? _____

MAFS.4.NF.2

2)

What is the value of $\frac{2}{5} \times 3$?

Ⓐ $\frac{2}{15}$ 　　　　Ⓑ $\frac{6}{15}$ 　　　　Ⓒ $1\frac{1}{5}$ 　　　　Ⓓ $5\frac{1}{5}$

MAFS.4.MD.1.3

3)

The diagram below shows the dimensions of a school's stage.

28 m

6 m

3 m

16 m
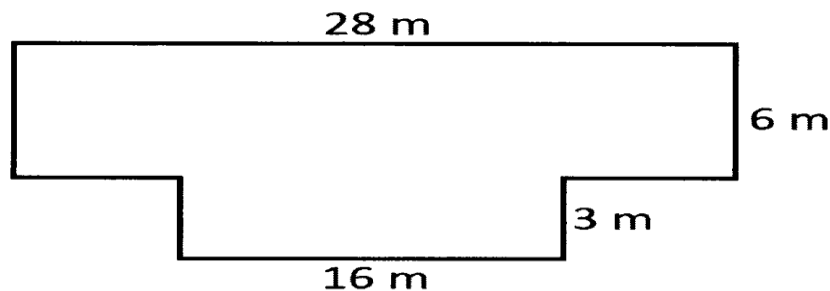
What is the perimeter of the stage? Show your work or explain how you found your answer.

# *Bear Blitz*

**Day 82**

MAFS.4.NF.2

1)

Shade the diagram below to show the product of $\frac{1}{6}$ and 7.

$$\boxed{\phantom{xxx}} \times 7 = \boxed{\phantom{xxx}} \; \boxed{\phantom{xxx}}$$
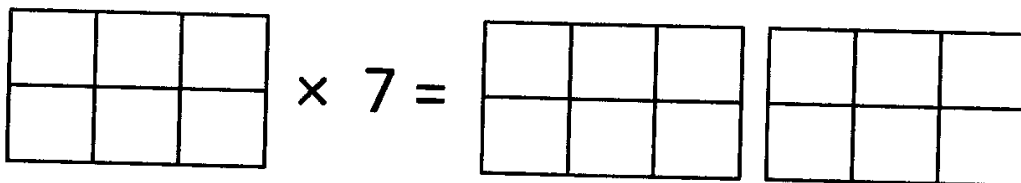
What is the product of $\frac{1}{6}$ and 7? _____

MAFS.4.NF.2

2)

Which number makes the number sentence below true?

$$\frac{3}{12} \times \boxed{\phantom{x}} = \frac{9}{12}$$

Ⓐ 3        Ⓑ 4        Ⓒ 6        Ⓓ 9

# Bear Blitz

**Day 83**

1)

Which expressions below are equal to whole numbers? Select all the answers.

☐ $\frac{2}{5} \times 4$           ☐ $\frac{1}{8} \times 16$           ☐ $\frac{2}{3} \times 6$

☐ $\frac{7}{10} \times 5$           ☐ $\frac{4}{12} \times 4$           ☐ $\frac{3}{4} \times 10$

☐ $\frac{6}{12} \times 8$           ☐ $\frac{1}{3} \times 9$           ☐ $\frac{3}{8} \times 6$

2)

The cooking time for a roast is $\frac{1}{3}$ hour for every 500 grams. Find the cooking time for a small roast weighing 3500 grams and a large roast weighing 5500 grams. Plot the cooking time for the small and large roasts on the number line below.
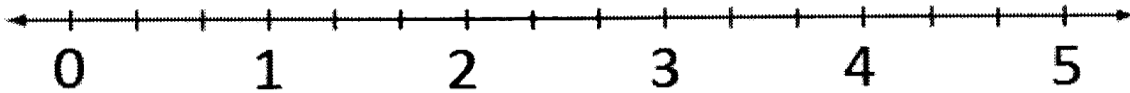


**Cooking Time (hours)**

How much longer does the large roast take to cook than the small roast? Show your work or explain how you found your answer.

# Bear Blitz

**Day 84**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

1)

Shade the models below to find the difference given. Then write the answer on the blank line.
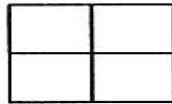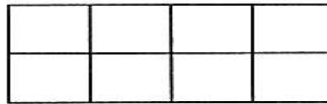
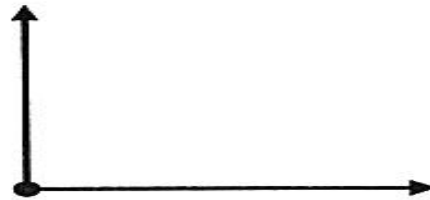| Difference | Model | Answer |
|---|---|---|
| $\dfrac{3}{4} - \dfrac{1}{4}$ | | _____ |
| $\dfrac{7}{8} - \dfrac{5}{8}$ | | _____ |
| $\dfrac{10}{12} - \dfrac{3}{12} - \dfrac{4}{12}$ | | _____ |
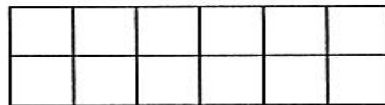
MAFS.4.G.1.1

2)

Which of these is shown below?

Ⓐ two rays forming an angle

Ⓑ two line segments forming an angle

Ⓒ two line segments forming a ray

Ⓓ two rays forming a line segment

# Bear Blitz

**Day 85**

MAFS.4.NF.2.3.c

**1**    What is the sum of $4\frac{2}{3}$ and $3\frac{2}{3}$?

    Ⓐ $7\frac{1}{3}$             Ⓑ $7\frac{2}{3}$             Ⓒ $8\frac{1}{3}$             Ⓓ $8\frac{2}{3}$

MAFS.4.NF.2

2)

Shade the diagram below to show that $\frac{1}{4} \times 4 = \frac{1}{2} \times 2$.
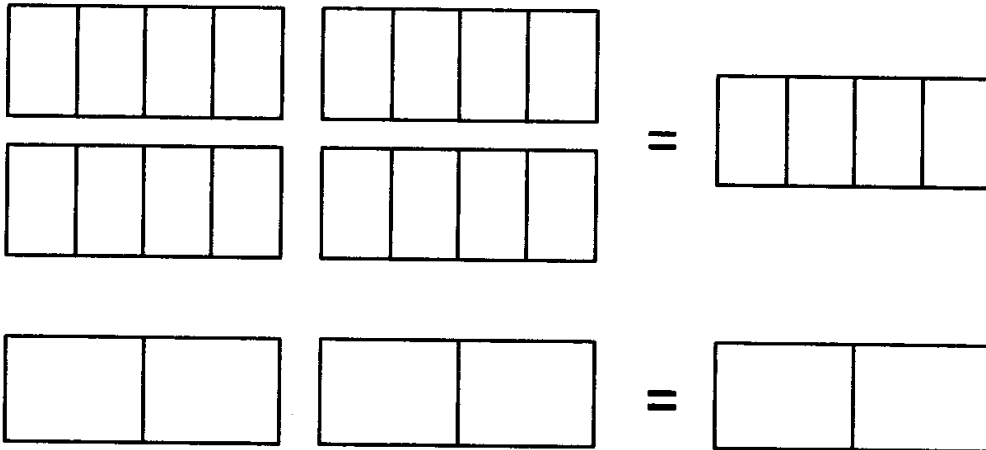
# **Bear Blitz**

**Day 86**

MAFS.4.NF.2.3.c

1)

What is the difference of $3\frac{1}{6}$ and $1\frac{2}{6}$?

Ⓐ $1\frac{3}{6}$         Ⓑ $1\frac{5}{6}$         Ⓒ $2\frac{3}{6}$         Ⓓ $2\frac{5}{6}$

MAFS.4.MD.1.1

2)

A bus leaves a stop every 45 minutes. The first bus leaves at 6:15 p.m. Plot the times that each bus leaves between 6 and 10 p.m.



Time (p.m)
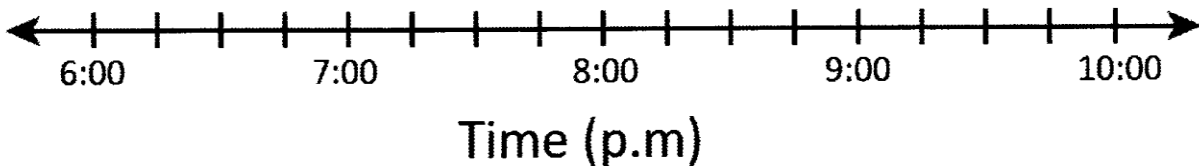
Wayne arrives at the bus stop at 7:30 p.m. How long will he have to wait

for the next bus? _____ minutes

Samantha arrives at the bus stop at 8:55 p.m. How long will she have to

wait for the next bus? _____ minutes

# Bear Blitz

**Day 87**

MAFS.4.NF.1.1

1)

Shade the model below to show the fraction $\frac{4}{12}$.
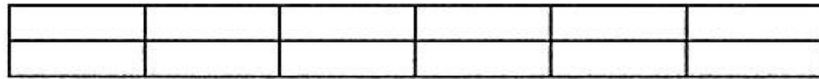
Shade the model below to show a fraction equivalent to $\frac{4}{12}$.
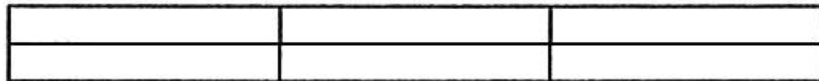
What fraction is shaded above? _____

Shade the model below to show a fraction equivalent to $\frac{4}{12}$.
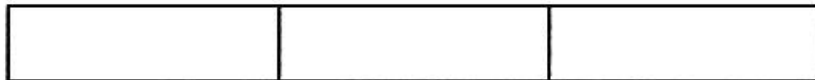
What fraction is shaded above? _____

# Bear Blitz

**Day 88**

MAFS.4.NF.1.2

1)

Write the symbol <, >, or = in the empty box to make each statement correct. Then shade the diagram to show that the statement is correct.

$\frac{1}{4}$ ☐ $\frac{2}{8}$

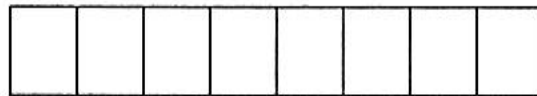$\frac{3}{4}$ ☐ $\frac{5}{8}$

$\frac{1}{8}$ ☐ $\frac{1}{4}$

$\frac{1}{2}$ ☐ $\frac{7}{8}$

# Bear Blitz

**Day 89**

1)

At the start of the week, a plant had a height of $\frac{5}{8}$ inches. The plant grew $\frac{1}{4}$ of an inch during the week. Shade the diagram below to represent the height of the plant at the end of the week.
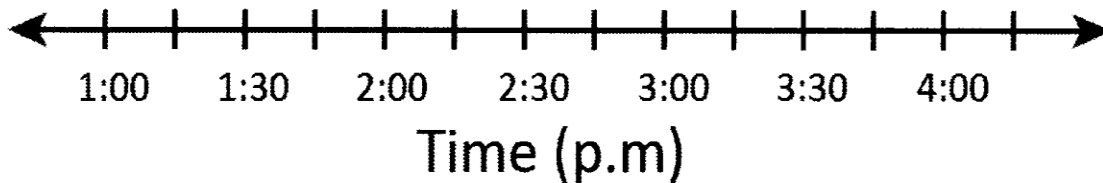
What was the height of the plant at the end of the week? _____ inches

2)

Colin started work at 1:15 p.m. He worked until 3:45 p.m. On the number line, plot the points to show when Colin started and finished work.

1:00    1:30    2:00    2:30    3:00    3:30    4:00

Time (p.m)

How long did Colin work for? _____ hours, _____ minutes

# Bear Blitz

**Day 90**

MAFS.4.NF.1.1

1)

Complete the calculations to find three fractions equivalent to $\frac{3}{4}$.
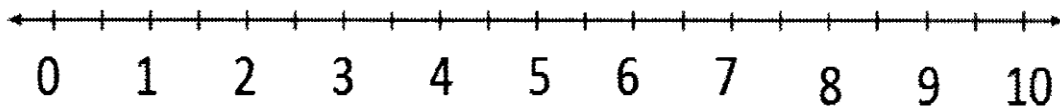
$$\frac{3}{4} \times \frac{2}{2} = \underline{\hspace{1cm}}$$

$$\frac{3}{4} \times \frac{3}{3} = \underline{\hspace{1cm}}$$

$$\frac{3}{4} \times \frac{5}{5} = \underline{\hspace{1cm}}$$

MAFS.4.

2)

The fine for having a library book overdue is a basic fee of $3 plus an additional $0.50 for each day that the book is overdue. Use the number line below to find the total fine for having a book overdue for 7 days. Then write the total fine below.

# Bear Blitz

**Day 91**

MAFS.4.NF.2.3.b

1)

Which fraction goes in the empty space to make the number sentence below true?

$$\frac{9}{4} + \quad = 4$$

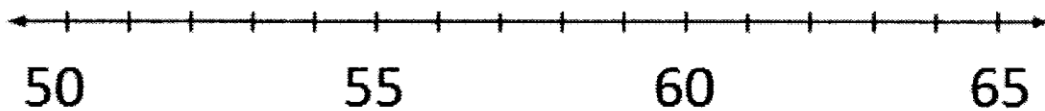Ⓐ $\frac{3}{4}$          Ⓑ $\frac{5}{4}$          Ⓒ $\frac{7}{4}$          Ⓓ $\frac{9}{4}$

MAFS.4.MD.1.1

2)

Anna is 59 inches tall. Anna is 2.5 inches shorter than Corey. Corey is 3.5 inches taller than Morgan. Use the number line below to show the heights of Anna, Corey, and Morgan. Then write the heights on the lines below.

```
←—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+—+→
   50          55          60          65
```

Corey is _____ inches tall.

Morgan is _____ inches tall.

# Bear Blitz

1)

Violet has 20 candies. She divides them into 5 equal groups.

What fraction of the total candies is each group? _____

Emilio has 10 candies. He divides them into 5 equal groups.

What fraction of the total candies is each group? _____

Complete the two equivalent fractions represented by Violet's and Emilio's candies.

$$\frac{\square}{20} = \frac{\square}{10}$$

# Bear Blitz

**Day 93**

MAFS.4.NF.2.4

1)

What is the value of $x$ in the equation below?

$$\frac{1}{10} \times x = 5$$

Ⓐ 2        Ⓑ 20        Ⓒ 50        Ⓓ 100

Complete the missing number in each number sentence below.

$2 \times \frac{2}{6} = \underline{\quad} \times \frac{1}{6}$        $5 \times \frac{3}{5} = \underline{\quad} \times \frac{1}{5}$

$4 \times \frac{4}{8} = \underline{\quad} \times \frac{2}{8}$        $6 \times \frac{3}{10} = \underline{\quad} \times \frac{1}{10}$

$12 \times \frac{1}{6} = \underline{\quad} \times \frac{3}{6}$        $4 \times \frac{1}{4} = \underline{\quad} \times \frac{2}{4}$

$6 \times \frac{2}{5} = \underline{\quad} \times \frac{4}{5}$        $10 \times \frac{8}{10} = \underline{\quad} \times \frac{2}{10}$

# Bear Blitz
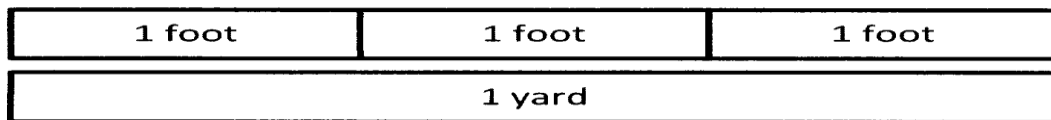
**Day 94**

MAFS.4.NF.2.3

1)

Complete each multiplication below. Write the answer as an improper fraction and a mixed number.

| Expression | Improper Fraction | Mixed Number |
|---|---|---|
| $4 \times \frac{4}{10}$ | | |
| $6 \times \frac{3}{5}$ | | |
| $7 \times \frac{2}{6}$ | | |
| $5 \times \frac{3}{12}$ | | |
| $8 \times \frac{7}{8}$ | | |
| $10 \times \frac{2}{3}$ | | |

MAFS.4.MD.1.1

2)

The diagram below represents the lengths of yards and feet.

| 1 foot | 1 foot | 1 foot |
|---|---|---|
| 1 yard | | |

Which measurement in feet is equal to 30 yards? Write and solve **an** equation to show your answer.

**Equation**

**Answer** _____ feet

Which measurement in yards is equal to 18 feet? Write and solve **an** equation to show your answer.

**Equation**

**Answer** _____ yards

# Bear Blitz

**Day 95**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

1)

Jamie read for $\frac{1}{2}$ an hour before school, $\frac{1}{4}$ of an hour on his lunch break, and $\frac{3}{4}$ of an hour after school. Use the number line below to find how long he read for in all. Write your answer on the line below.
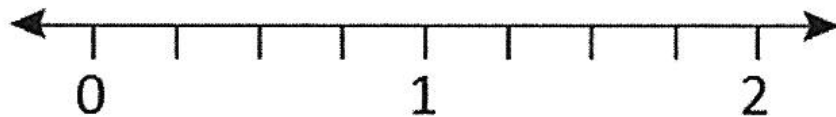


MAFS.4.MD.2.3

2)

Use a whole number and a fraction to write an expression that is represented by the diagram below. Then solve the expression to find the answer. Write the answer as an improper fraction and a mixed number.



**Expression**

**Answer** _____ or _____

# Bear Blitz

**Day 96**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

1)

Kendra has two cartons of juice. The orange carton has $\frac{5}{8}$ ounces of juice. The pineapple carton has $\frac{3}{4}$ ounces of juice. She mixes the two juices together. Then she drinks $\frac{1}{2}$ an ounce of juice. How much of the juice mix remains?

**Show your work.**

MAFS.4.MD.2.3

2)

Use a whole number and a fraction to write an expression that is represented by the diagram below. Then solve the expression to find the answer. Write the answer as an improper fraction and a mixed number.
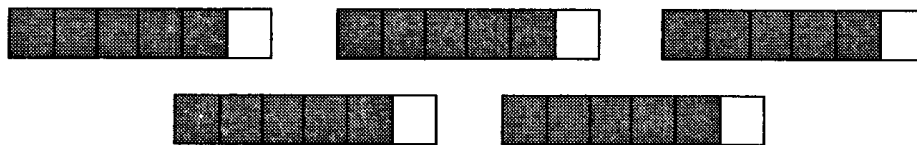
**Expression**

**Answer** _____ or _____

# Bear Blitz

**Day 97**

MAFS.4.NF.2.4

1)

Shade the diagram below to represent the expression $\frac{3}{5} \times 6$.
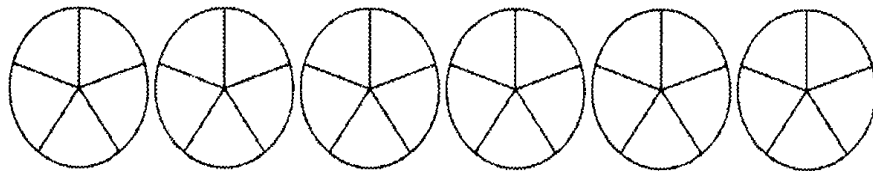


What is the value of $\frac{3}{5} \times 6$? Write your answer as an improper fraction a a mixed number.

**Answer** _____ or _____

MAFS.4.MD.1.1

2)

Corey serves 12 glasses of orange juice. Each glass contains $\frac{1}{4}$ liter of ju How many liters of orange juice does he serve in all?

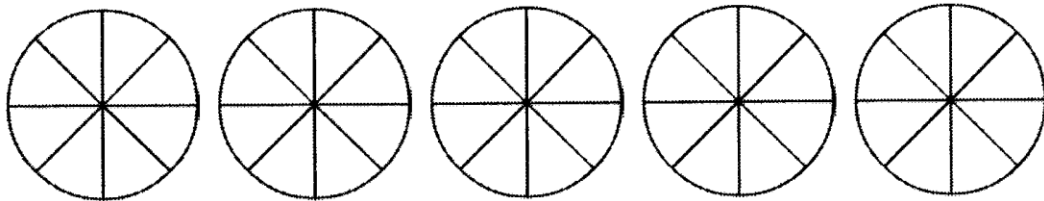Ⓐ 2 liters          Ⓑ 3 liters          Ⓒ 4 liters          Ⓓ 6 liters

# Bear Blitz

**Day 98**

MAFS.4.NF2.4

1)

Shade the diagram below to represent the expression $\frac{3}{8} \times 5$.



What is the value of $\frac{3}{8} \times 5$? Write your answer as an improper fraction and a mixed number.

**Answer** _____ or _____

MAFS.4.MD.1.1

2)

Sasha ran 8 laps of the school's running track. Each lap was $\frac{1}{3}$ of a mile. H far did Sasha run in all?

Ⓐ 2 miles      Ⓑ $2\frac{2}{3}$ miles      Ⓒ 3 miles      Ⓓ $3\frac{1}{3}$ miles

# Bear Blitz

**Day 99**

MAFS.4.NF.1.2

1)

Mark lives $\frac{3}{4}$ miles from school. Campbell lives $\frac{5}{6}$ miles from school. Audrey lives $\frac{7}{12}$ miles from school. Who lives closest to the school?

**Show your work.**

MAFS.4.NF.2.4

2)

Shade the diagram below to show the product of $\frac{2}{5}$ and 4.

☐☐☐☐☐  × 4 = ☐☐☐☐☐ ☐☐☐☐☐

What is the product of $\frac{2}{5}$ and 4? Write your answer as an improper fraction and a mixed number.
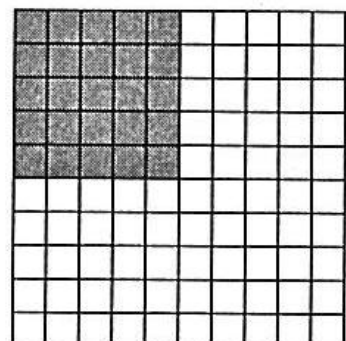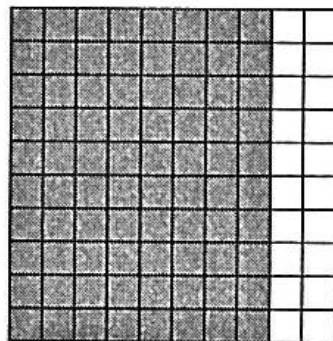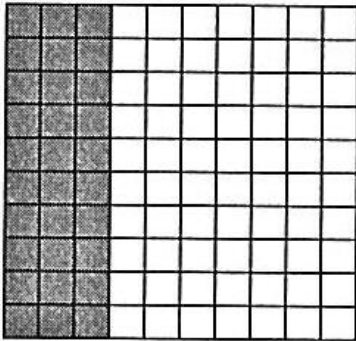
**Answer** _____ or _____

# Bear Blitz

**Day 100**

MAFS.4.NF.1.1

1)

For each hundreds grid below, shade the diagram below it so that the same fraction of the shape is shaded. Then write the two fractions you shaded.

$$\overline{\phantom{00}}\,' \overline{\phantom{00}}$$
100'  10

$$\overline{\phantom{00}}\,' \overline{\phantom{00}}$$
100'  5

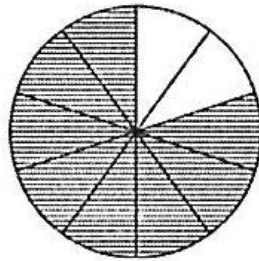$$\overline{\phantom{00}}\,' \overline{\phantom{00}}$$
100'  4
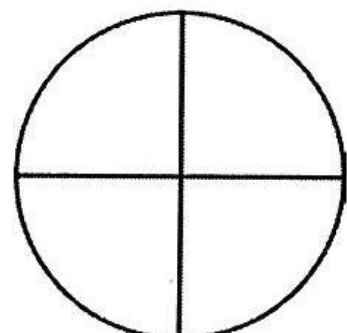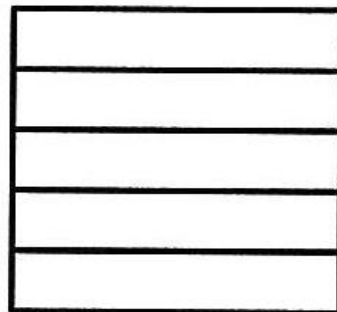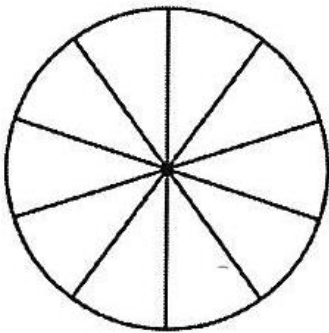
# Bear Blitz

MAFS.4.NF.2.3

1)

Which expression represents the fraction of the figure that is shaded?



Ⓐ $\frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

Ⓑ $\frac{3}{10} + \frac{3}{10} + \frac{3}{10}$

Ⓒ $\frac{6}{10} + \frac{2}{10} + \frac{2}{10}$

Ⓓ $\frac{3}{10} + \frac{2}{10} + \frac{3}{10}$

MAFS.4.NF.2.3

2)

Which sum is greater than 1?

Ⓐ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

Ⓑ $\frac{2}{5} + \frac{2}{5} + \frac{2}{5}$

Ⓒ $\frac{1}{10} + \frac{3}{10} + \frac{4}{10}$
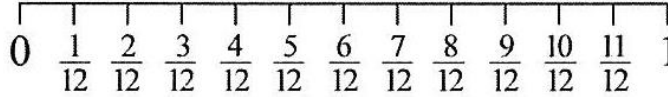
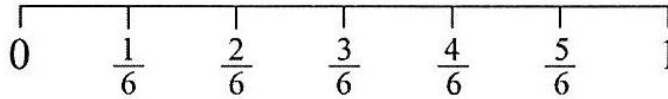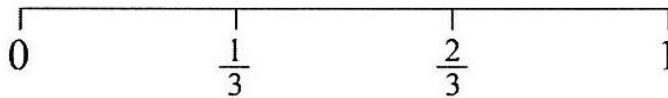Ⓓ $\frac{2}{8} + \frac{2}{8} + \frac{2}{8}$

# Bear Blitz

**Day 102**

MAFS.4.NF.1.1

1)

Plot the fraction $\frac{2}{3}$ on the first number line. Then plot two fractions equivalent to $\frac{2}{3}$ on the second and third number lines.

$$0 \qquad \frac{1}{3} \qquad \frac{2}{3} \qquad 1$$

$$0 \quad \frac{1}{6} \quad \frac{2}{6} \quad \frac{3}{6} \quad \frac{4}{6} \quad \frac{5}{6} \quad 1$$

$$0 \quad \frac{1}{12} \quad \frac{2}{12} \quad \frac{3}{12} \quad \frac{4}{12} \quad \frac{5}{12} \quad \frac{6}{12} \quad \frac{7}{12} \quad \frac{8}{12} \quad \frac{9}{12} \quad \frac{10}{12} \quad \frac{11}{12} \quad 1$$

What two equivalent fractions did you plot? _____ and _____

MAFS.4.NF.2

2)

Wesley has completed $\frac{5}{8}$ of his science project. What fraction of the science project remains?

Ⓐ $\frac{8}{5}$        Ⓑ $\frac{1}{8}$        Ⓒ $\frac{3}{8}$        Ⓓ $\frac{3}{5}$

# Bear Blitz

**Day 103**

MAFS.4.NF.2.3

1)

Eleanor cuts a piece of cardboard into 10 equal strips. She uses 4 pieces to make name tags. She divides the remaining pieces into 2 equal groups, and makes a bookmark with the pieces in each equal group.



What fraction of the total cardboard is used to make each bookmark?

Ⓐ $\frac{2}{10}$      Ⓑ $\frac{3}{10}$      Ⓒ $\frac{5}{10}$      Ⓓ $\frac{6}{10}$

MAFS.4.NF.2.4

2)

Which sums below are equal to a whole number? Select all the correct answers.

☐ $1\frac{1}{6} + 2\frac{2}{6}$      ☐ $2\frac{4}{8} + 2\frac{2}{8}$      ☐ $1\frac{7}{8} + 1\frac{1}{8}$      ☐ $3\frac{1}{4} + 5\frac{3}{4}$

☐ $3\frac{1}{5} + 6\frac{5}{5}$      ☐ $5\frac{5}{6} + 1\frac{3}{6}$      ☐ $2\frac{3}{5} + 3\frac{2}{5}$      ☐ $1\frac{5}{10} + 2\frac{2}{10}$

# Bear Blitz

**Day 104**

MAFS.4.NF.2.3a, MAFS4.NF.2.3b

1)

Which expressions have a sum equal to $\frac{5}{6}$? Select all the correct answers.

☐ $\frac{1}{6} + \frac{5}{6}$     ☐ $\frac{2}{3} + \frac{3}{3}$     ☐ $\frac{2}{6} + \frac{3}{6}$
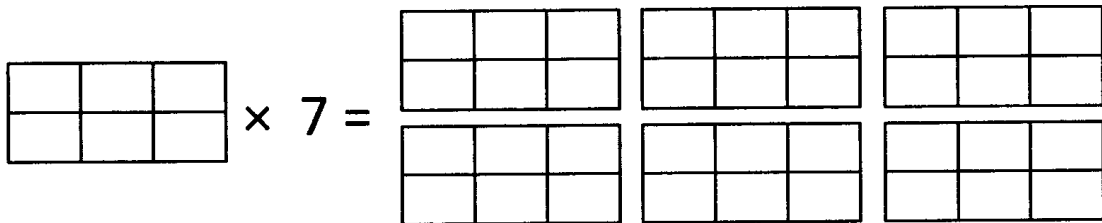
☐ $\frac{1}{2} + \frac{5}{3}$     ☐ $\frac{1}{6} + \frac{4}{6}$     ☐ $\frac{5}{3} + \frac{5}{3}$

MAFS.4.NF.2.4

2)

Shade the diagram below to show the product of $\frac{5}{6}$ and 7.

$$\square \times 7 = \square$$

What is the product of $\frac{5}{6}$ and 7? Write your answer as an improper fraction and a mixed number.

**Answer** _____ or _____

# **Bear Blitz**
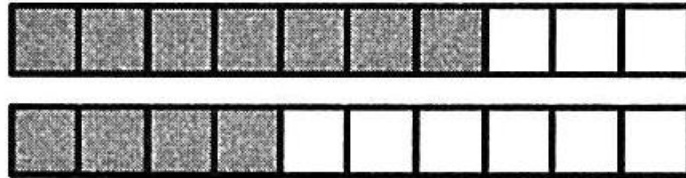
**Day 105**

MAFS.4.NF.2.3a, MAFS4.NF.2.3b

1)

What is the difference of $\frac{7}{10}$ and $\frac{4}{10}$?

Answer _____

MAFS.4.MD.1

2)

Mario has blocks of timber measuring $2\frac{1}{6}$ feet each. He wants to place them in a row to make a path with a total length that is a whole number. How many blocks of timber could he place? Select all the possible answers.

- ☐ 6
- ☐ 8
- ☐ 10
- ☐ 12
- ☐ 14
- ☐ 15
- ☐ 18
- ☐ 20
- ☐ 22
- ☐ 24
- ☐ 26
- ☐ 28

# 🐾Bear Blitz

**Day 106**

MAFS.4.NF.2.3a, MAFS.4.NF.2.3b

1)

Convert the fractions for each sum or difference to fractions with th
same denominator. Then complete the calculation.

$\dfrac{2}{3} + \dfrac{1}{6}$ $\qquad\qquad \dfrac{\phantom{2}}{6} + \dfrac{\phantom{1}}{6} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{1}{2} + \dfrac{3}{12}$ $\qquad\qquad \dfrac{\phantom{2}}{12} + \dfrac{\phantom{1}}{12} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{4}{5} + \dfrac{1}{10}$ $\qquad\qquad \dfrac{\phantom{2}}{\phantom{6}} + \dfrac{\phantom{1}}{\phantom{6}} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{11}{12} - \dfrac{3}{4}$ $\qquad\qquad \dfrac{\phantom{2}}{\phantom{6}} - \dfrac{\phantom{1}}{\phantom{6}} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{7}{8} - \dfrac{1}{2}$ $\qquad\qquad \dfrac{\phantom{2}}{\phantom{6}} - \dfrac{\phantom{1}}{\phantom{6}} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{1}{3} + \dfrac{2}{6} + \dfrac{3}{12}$ $\qquad \dfrac{\phantom{2}}{12} + \dfrac{\phantom{1}}{12} + \dfrac{\phantom{1}}{12} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{3}{5} + \dfrac{3}{10} + \dfrac{7}{100}$ $\qquad \dfrac{\phantom{2}}{\phantom{6}} + \dfrac{\phantom{1}}{\phantom{6}} + \dfrac{\phantom{1}}{\phantom{6}} = \dfrac{\phantom{3}}{\phantom{6}}$

$\dfrac{3}{4} - \dfrac{1}{6} - \dfrac{5}{12}$ $\qquad \dfrac{\phantom{2}}{\phantom{6}} - \dfrac{\phantom{1}}{\phantom{6}} - \dfrac{\phantom{1}}{\phantom{6}} = \dfrac{\phantom{3}}{\phantom{6}}$

# Bear Blitz

**Day 107**

MAFS.4.NF.2.4

1)

Complete each problem in steps. In Step 1, convert the mixed numbers to improper fractions. In step 2, complete the calculation. In Step 3, write the improper fraction as a mixed number. The first one has been completed for you.

| Problem | Step 1 | Step 2 | Step 3 |
|---|---|---|---|
| $5\frac{2}{3} + 2\frac{2}{3}$ | $\frac{17}{3} + \frac{8}{3}$ | $\frac{25}{3}$ | $8\frac{1}{3}$ |
| $2\frac{3}{4} + 6\frac{3}{4}$ | | | |
| $1\frac{5}{6} + 2\frac{2}{6}$ | | | |
| $3\frac{3}{8} + 3\frac{4}{8}$ | | | |
| $4\frac{7}{10} + 1\frac{6}{10}$ | | | |
| $1\frac{78}{100} + 1\frac{35}{100}$ | | | |
| $8\frac{1}{4} - 6\frac{2}{4}$ | | | |
| $6\frac{1}{6} - 3\frac{2}{6}$ | | | |
| $5\frac{2}{8} - 2\frac{7}{8}$ | | | |
| $3\frac{4}{10} - 1\frac{5}{10}$ | | | |
| $4\frac{3}{12} - 1\frac{8}{12}$ | | | |

# Bear Blitz

MAFS.4.NF.1.2

1)

Circle all the fractions below that are greater than $\frac{1}{2}$.

$$\frac{9}{10} \qquad \frac{3}{4} \qquad \frac{2}{12} \qquad \frac{1}{6} \qquad \frac{3}{8} \qquad \frac{5}{10} \qquad \frac{7}{12} \qquad \frac{20}{100}$$

Explain how you can compare the numerator and denominator to determine if each fraction is greater than $\frac{1}{2}$.

MAFS.4.NF.2.3

2)

Shade the diagram below to represent the sum of $2\frac{1}{4}$ and $1\frac{1}{2}$.
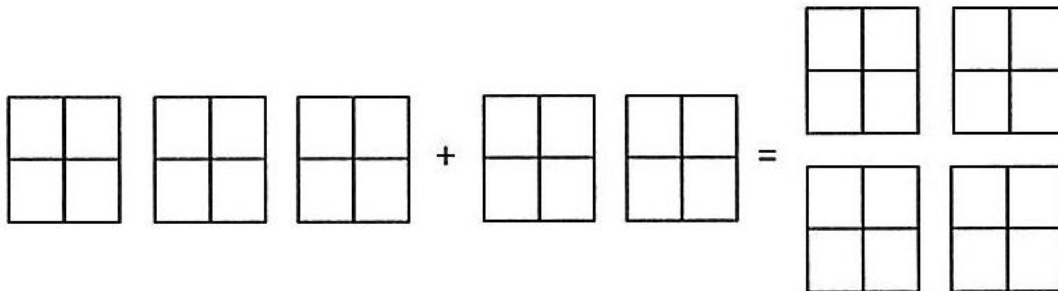
What is the sum of $2\frac{1}{4}$ and $1\frac{1}{2}$? _____

# 🐾Bear Blitz

**Day 109**

MAFS.4.NF.1.1

1)

Use the number lines below to show that $\frac{1}{3}$, $\frac{2}{6}$, and $\frac{4}{12}$ are equivalent.
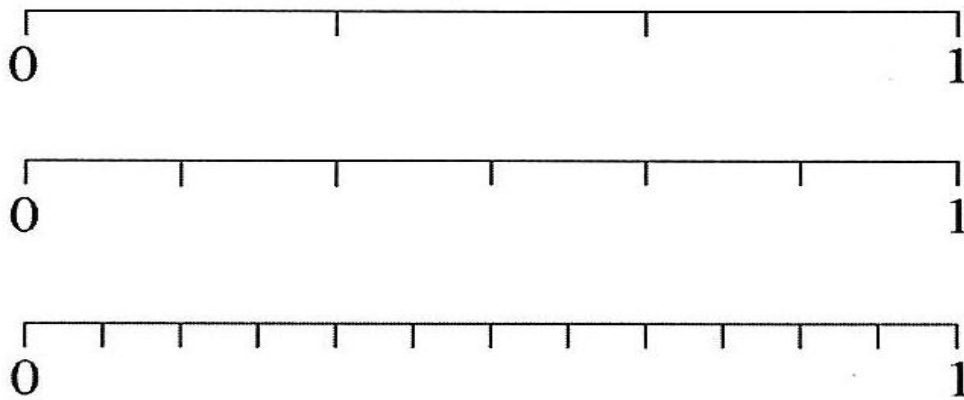


Explain how the number lines show that the fractions are equivalent.

MAFS.4.NF.2.3

2)

Shade the diagram below to represent the sum of $1\frac{7}{10}$ and $1\frac{9}{10}$.
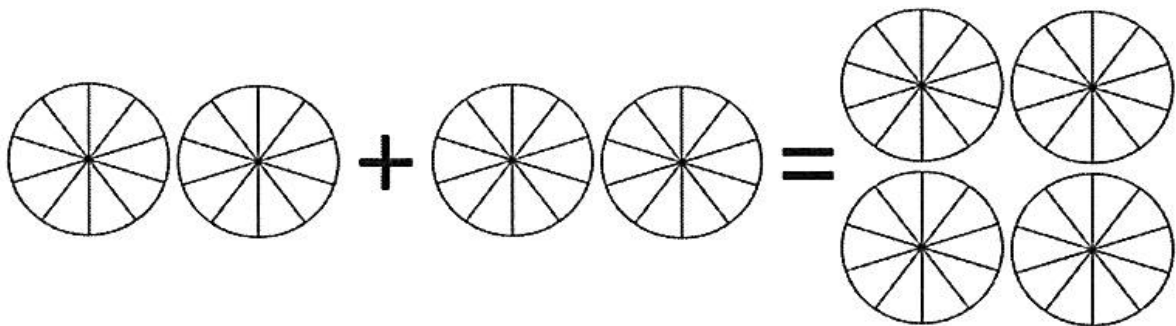


What is the sum of $1\frac{7}{10}$ and $1\frac{9}{10}$? _____

# Bear Blitz

**Day 110**

MAFS.4.NF.1.1

1)

Circle all the fractions that can be simplified to an equivalent fraction.

$$\frac{5}{7} \qquad \frac{6}{12} \qquad \frac{3}{10} \qquad \frac{1}{5} \qquad \frac{4}{6} \qquad \frac{75}{100} \qquad \frac{7}{8}$$

For each fraction you circled, write the fraction in lowest form below.

Explain why the fractions you did not circle cannot be simplified.

MAFS.4.NF.2.3

2)

The books below each have a width of $\frac{7}{8}$ inches.
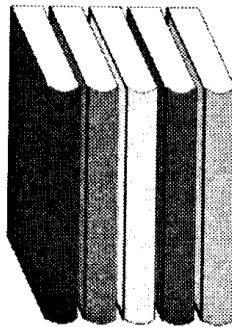
What is the total width of all the books?

Ⓐ $4\frac{1}{8}$ inches  Ⓑ $4\frac{3}{8}$ inches  Ⓒ $4\frac{5}{8}$ inches  Ⓓ $4\frac{7}{8}$ inches

# Bear Blitz

**Day 111**

MAFS.4.NF.2

1)

Alvin, Ben, and Drake were practicing soccer. They each took some shots at goal. Their results are described below.

- Alvin took 6 shots and scored 4 goals.
- Ben took 12 shots and scored the same fraction of goals as Alvin.
- Drake took 3 shots and scored the same fraction of goals as Alvin.

Complete the table below to show the goals scored and missed by Ben and Drake.

### Soccer Goals

| Alvin | Ben | Drake |
|-------|-----|-------|
| ✓✓✓✓✗✗ | | |

✓ = goal scored    ✗ = goal missed

Complete the fractions to show the goals scored and missed by Ben and Drake.

Ben $\dfrac{\phantom{00}}{12}$ scored, $\dfrac{\phantom{00}}{12}$ missed        Drake $\dfrac{\phantom{00}}{3}$ scored, $\dfrac{\phantom{00}}{3}$ missed

# Bear Blitz

**Day 112**

MAFS.4.NF.1.1

1)

Plot the fraction $\frac{4}{5}$ on the number line below. Then plot a fraction equivalent to $\frac{4}{5}$ on the second number line.
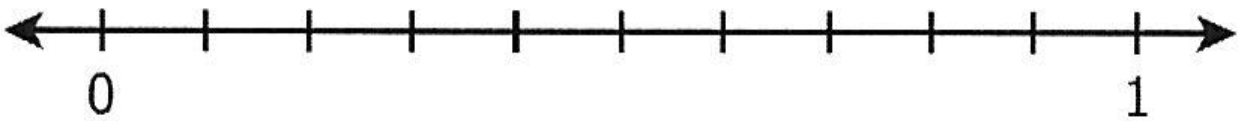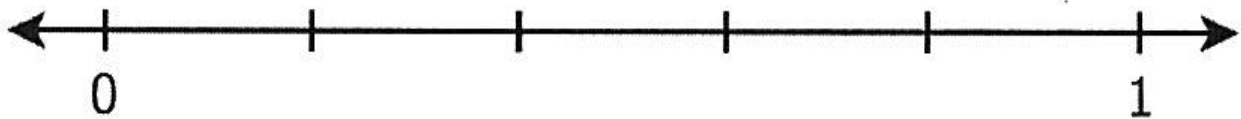
What fraction did you plot on the second number line? _____

Explain how the number lines show that the two fractions are equivalent.

# Bear Blitz

**Day 113**

MAFS.4.NF.1.1

1)

Janelle answered 80 out of 100 questions on a quiz correctly. She answered the same fraction of questions correctly on a bonus quiz with 5 questions. How many questions on the bonus quiz did she answer correctly? Show or explain how you found your answer.

MAFS.4.NF.2.3

2)

Use the number line below to find the sum of $1\frac{1}{3}$, $1\frac{2}{3}$, and $1\frac{2}{3}$. Then write the sum on the line below.

# Bear Blitz

**Day 114**

MAFS.4.NF.1.2

1)

Divide the rectangle below into 6 equal areas. Shade $\frac{5}{6}$ of the rectangle.
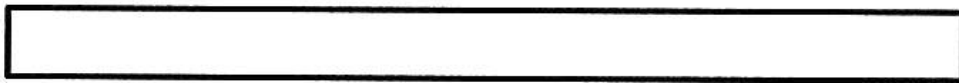
Divide the rectangle below into 12 equal areas. Shade $\frac{7}{12}$ of the rectangle.
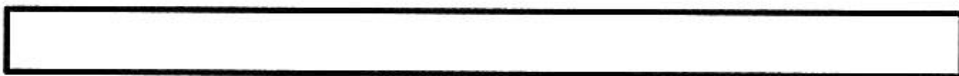
Use the shaded models to compare the fractions $\frac{5}{6}$ and $\frac{7}{12}$.

MAFS.4.

2)

There were 4 students completing a mural. Each student completed $\frac{2}{10}$ of the mural. Shade the diagram below to show how much of the mural was completed in all.
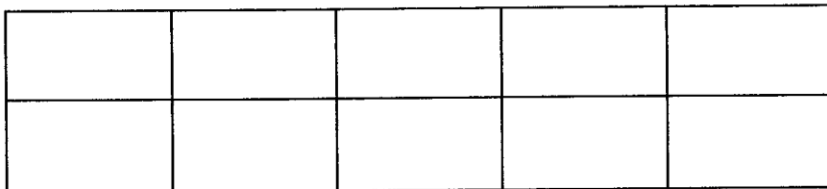
What fraction of the mural was completed in all? Write your answer in lowest form.

# Bear Blitz

**Day 115**

MAFS.4.

1)

Complete the missing fraction in each sum.

$$\frac{3}{6} + \quad = \frac{5}{6} \qquad\qquad \frac{4}{8} + \quad = \frac{5}{8} \qquad\qquad \frac{1}{3} + \quad = \frac{3}{3}$$

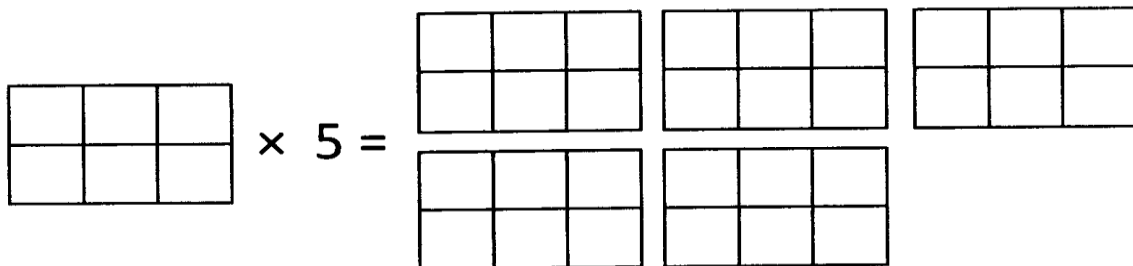$$\frac{5}{12} + \quad = \frac{11}{12} \qquad\qquad \frac{2}{10} + \quad = \frac{9}{10} \qquad\qquad \frac{2}{5} + \quad = \frac{4}{5}$$

MAFS.4.

2)

Morgan spends $\frac{5}{6}$ of an hour at the gym 5 days a week. Complete the diagram below to show how many hours Morgan spends at the gym each week.



× 5 =

How many hours does Morgan spend at the gym each week? _____ hours

Explain how the diagram helped you find the answer.

# Bear Blitz

**Day 116**

MAFS.4.

1)

Complete the missing fraction in each difference.

$$\frac{5}{6} - \underline{\hspace{1cm}} = \frac{2}{6} \qquad \frac{7}{10} - \underline{\hspace{1cm}} = \frac{3}{10} \qquad \frac{8}{12} - \underline{\hspace{1cm}} = \frac{2}{12}$$

$$\frac{4}{5} - \underline{\hspace{1cm}} = \frac{3}{5} \qquad \frac{6}{8} - \underline{\hspace{1cm}} = \frac{2}{8} \qquad \frac{12}{100} - \underline{\hspace{1cm}} = \frac{1}{100}$$

MAFS.4.

2)

What is the sum of $3\frac{7}{12}$ and $4\frac{8}{12}$? Write the answer as a mixed number.

**Show your work.**

# Bear Blitz
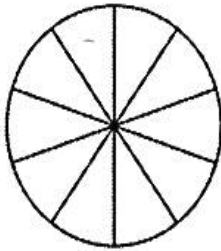
**Day 117**

MAFS.4.

1)

Shade the diagrams below to show how many eighths are in one quarter. Complete the equation to show how many eighths are in one quarter.
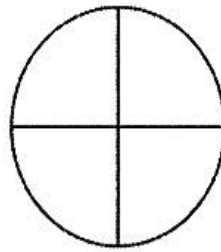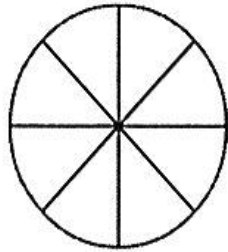


**Equation** $\quad + \quad = \dfrac{1}{4}$

Shade the diagrams below to show how many tenths are in two fifths. Then write an equation to show how many tenths are in two fifths.
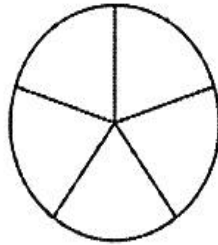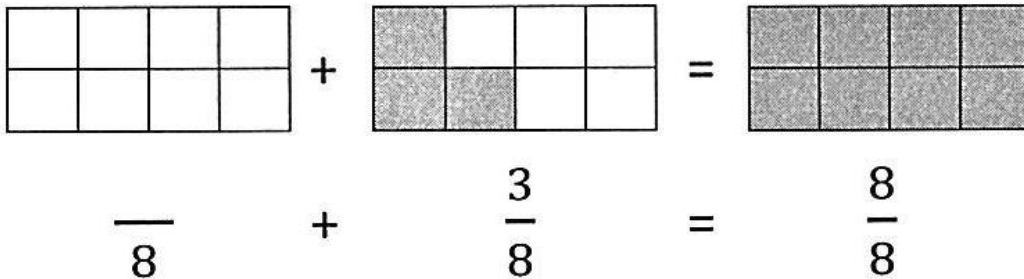


**Equation**

# 🐾Bear Blitz

**Day 118**

MAFS.4.

1)

Shade the first fraction model below to show the fraction that makes the sum equal to 1. Then complete the missing fraction in the equation.

$$\frac{\quad}{8} + \frac{3}{8} = \frac{8}{8}$$

MAFS.4.

2)

What is the value of $2\frac{4}{5} + 1\frac{2}{5} + 3\frac{3}{5}$? Write the answer as a mixed number.

**Show your work.**

MAFS.4.

3)

Jackie needs $\frac{1}{2}$ cup of honey for a recipe. She measures it out by filling a $\frac{1}{8}$ cup measuring cup several times. Which expression shows how many times she will need to fill the measuring cup?

Ⓐ $\frac{1}{2} \div \frac{1}{8}$　　　Ⓑ $\frac{1}{2} - \frac{1}{8}$　　　Ⓒ $\frac{1}{2} + \frac{1}{8}$　　　Ⓓ $\frac{1}{2} \times \frac{1}{8}$
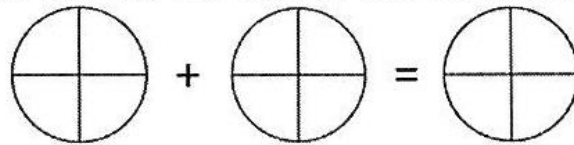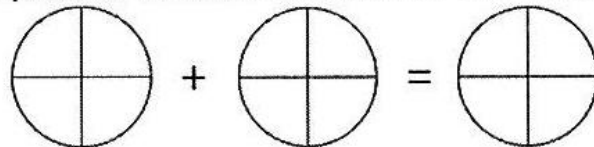
# Bear Blitz

**Day 119**

1)

Shade the diagrams below to show two equal fractions that add to 1. Then write an equation to show the sum of the fractions.



**Equation**

Shade the diagrams below to show two different fractions that add to 1. Then write an equation to show the sum of the fractions.
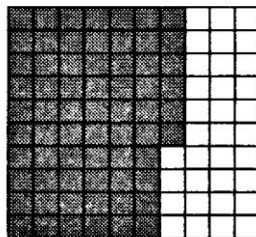


**Equation**

2)

The hundreds grid below represents 1 meter. What does the shaded area of the grid represent?



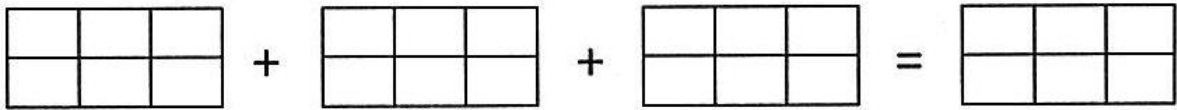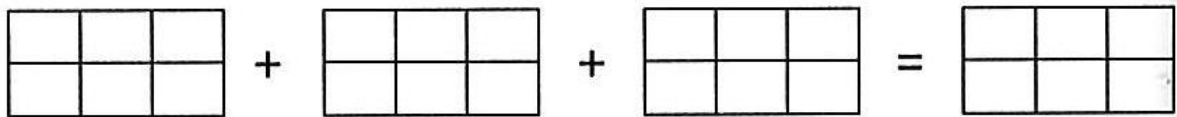Ⓐ 66 mm          Ⓑ 66 m          Ⓒ 66 km          Ⓓ 66 cm

# Bear Blitz

**Day 120**

MAFS.4.

1)

Shade the diagrams below to show three equal fractions that add to 1. Then write an equation to show the sum of the fractions.

□ + □ + □ = □

**Equation**

Shade the diagrams below to show three different fractions that add to 1. Then write an equation to show the sum of the fractions.

□ + □ + □ = □

**Equation**

MAFS.4.

2)

What is the difference of $6\frac{3}{6}$ and $2\frac{4}{6}$? Write the answer as a mixed number.
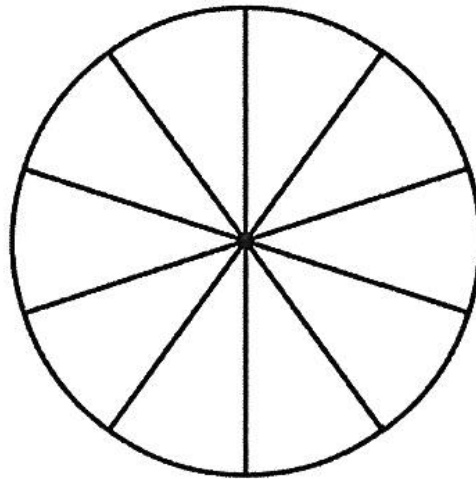
**Show your work.**

# Bear Blitz

MAFS.4.

1)

Dominic ordered 1 whole pizza. Dominic ate $\frac{1}{5}$ of the pizza, Dominic's sister ate $\frac{1}{10}$ of the pizza, and Dominic's father ate $\frac{3}{10}$ of the pizza. What fraction of the pizza remains? Use the diagram below to help you find the answer.
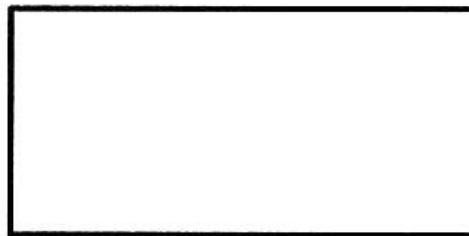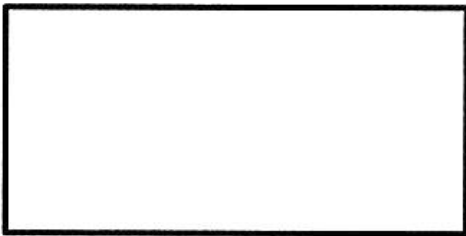


**Answer** _____ of the pizza remains

# Bear Blitz

**Day 122**

1)

Divide the rectangles below into parts to show that $\frac{5}{6}$ is equivalent to $\frac{10}{12}$.

Explain how the diagrams show that the two fractions are equivalent.

2)

Tamara received some money for her birthday. She spent $\frac{1}{2}$ on a shirt, $\frac{1}{8}$ on a book, and $\frac{1}{4}$ on a bracelet. She saved the rest of the money. Divide the rectangle below into parts and shade the parts to show the fraction of the money she spent on each item. Use the diagram to find the fraction of the money she saved.
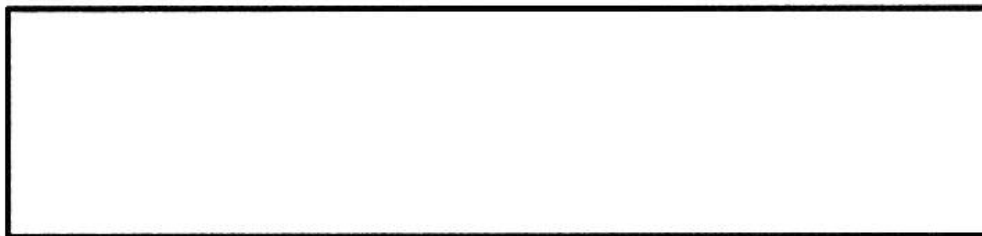
# Bear Blitz

**Day 123**

MAFS.4.

1)

What is the value of $5\frac{3}{8} - 1\frac{2}{8} - 2\frac{2}{8}$? Write the answer as a mixed number.

**Show your work.**

MAFS.4.

2)

Dustin used 11 bricks to make a border along one edge of a garden bed. Each brick had a length of $\frac{11}{12}$ inches. What is the length of the edge of the garden bed? Write your answer as a mixed number.

**Show your work.**

# Bear Blitz

**Day 124**

MAFS.4.

1)

Lana had a piece of timber $4\frac{1}{4}$ inches long. She cut off a section $2\frac{3}{4}$ inches long. What is the length of the remaining timber?

(A) $1\frac{1}{2}$ inches      (B) $1\frac{3}{4}$ inches      (C) $2\frac{1}{4}$ inches      (D) $2\frac{1}{2}$ inches

MAFS.4.

2)

**1**    Which fraction is equivalent to $\frac{7}{10}$?

(A) $\frac{70}{100}$       (B) $\frac{70}{10}$       (C) $\frac{7}{100}$       (D) $\frac{700}{100}$

MAFS.4.

3)

The list below shows how long four students practiced the violin in the month of March.

- Rebekah practiced for $\frac{3}{4}$ of an hour on 15 days.
- Carmen practiced for $\frac{5}{6}$ of an hour on 10 days.
- Allison practiced for $\frac{2}{3}$ of an hour on 12 days.
- Li practiced for $\frac{1}{2}$ of an hour on 18 days.

List the students in order from the student who practiced the least total time to the student who practiced the most total time.
**Show your work.**

# Bear Blitz

**Day 125**

MAFS.4.

1)

**Re**write each fraction as an equivalent fraction with a denominator of 100.

$$\frac{3}{10} =$$

$$\frac{6}{10} =$$

$$\frac{8}{10} =$$

$$\frac{9}{10} =$$

MAFS.4.

**2** Which fraction can be simplified to a fraction with a denominator of 10

Ⓐ $\frac{20}{100}$

Ⓑ $\frac{54}{100}$

Ⓒ $\frac{25}{100}$

Ⓓ $\frac{33}{100}$

MAFS.4.

3)

Lenny is filling a fish tank with water. He fills a bowl with $\frac{3}{4}$ liters of water and pours it into the fish tank. He repeats this process a total of 9 times. How many liters of water would be in the fish tank in the end? Write your answer as a mixed number.
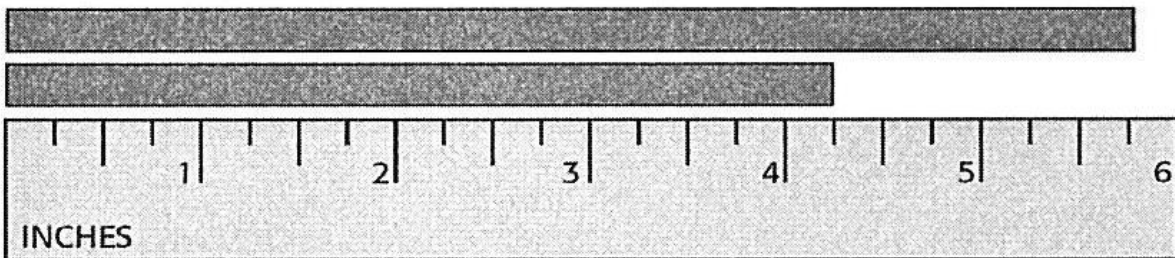
**Show your work.**

# 🐾🐾 *Bear Blitz*

**Day 126**

MAFS.4.

1)

The diagram shows the length of two pieces of ribbon.



What is the difference in length between the two pieces of ribbon?

Ⓐ $\frac{3}{4}$ inches 　　　 Ⓑ $1\frac{1}{4}$ inches 　　　 Ⓒ $1\frac{1}{2}$ inches 　　　 Ⓓ $1\frac{3}{4}$ inches

MAFS.4.

2)

Wade listed the six fractions below.

$\frac{62}{100}$ 　　　 $\frac{6}{10}$ 　　　 $\frac{73}{100}$ 　　　 $\frac{78}{100}$ 　　　 $\frac{7}{10}$ 　　　 $\frac{69}{100}$

Which fraction listed is the smallest? _____

Which fraction listed is the greatest? _____

Which two fractions listed have a difference of $\frac{1}{100}$? _____ and _____

# Bear Blitz

MAFS.4.

1)

Jeremy worked for $4\frac{5}{6}$ hours on Saturday and $3\frac{5}{6}$ hours on Sunday. How many hours did he work in all?
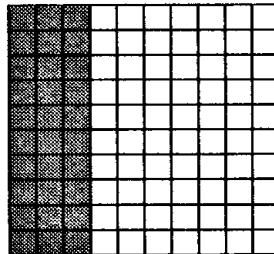
Ⓐ $7\frac{2}{6}$ hours　　　Ⓑ $7\frac{4}{6}$ hours　　　Ⓒ $8\frac{2}{6}$ hours　　　Ⓓ $8\frac{4}{6}$ hours

MAFS.4.

2)

Which fraction is represented by the model below? Select all the answers.



☐ $\frac{1}{3}$　　　　　☐ $\frac{3}{10}$　　　　　☐ $\frac{30}{10}$　　　　　☐ $\frac{30}{100}$

MAFS.4.

3)

What is the sum of $\frac{6}{100}$ and $\frac{2}{10}$?

Ⓐ $\frac{8}{100}$　　　　　Ⓑ $\frac{26}{100}$　　　　　Ⓒ $\frac{62}{100}$　　　　　Ⓓ $\frac{80}{100}$

# Bear Blitz

**Day 128**

MAFS.4.

1)

Cecilia has completed $3\frac{3}{10}$ miles of a 10-mile cycling race. Which of these are ways to find how many miles she has left to complete? Select all the correct answers.

☐ $10 - 3 - \frac{3}{10}$

☐ $10 - \frac{9}{10}$

☐ $10 - \frac{33}{10}$

☐ $\frac{10}{10} - \frac{33}{10}$

☐ $\frac{100}{10} - \frac{33}{10}$

☐ $10 - (3 \times \frac{3}{10})$

MAFS.4.

2)

Which fraction makes the equation below true?

$$\frac{5}{10} + \boxed{\phantom{0}} = \frac{65}{100}$$

Ⓐ $\frac{6}{100}$

Ⓑ $\frac{13}{100}$

Ⓒ $\frac{15}{100}$

Ⓓ $\frac{60}{100}$

# Bear Blitz

**Day 129**

1)

Write a subtraction equation that could be used to find the missing fraction, $f$, in the equation below. Then solve the equation to find the missing fraction.

$$2\frac{1}{8} + f = 4$$

**Answer** _____

2)

**Re**write each fraction as an equivalent fraction with a denominator of 100.

$$\frac{3}{10} =$$ $$\frac{6}{10} =$$ $$\frac{8}{10} =$$ $$\frac{9}{10} =$$

# Bear Blitz

**Day 130**

1)

Write an addition equation that could be used to find the missing fraction, *f*, in the equation below. Then solve the equation to find the missing fraction.

$$f - 1\frac{4}{6} = 2\frac{1}{6}$$

**Answer** _____

2)

Wade listed the six fractions below.

$$\frac{62}{100} \qquad \frac{6}{10} \qquad \frac{73}{100} \qquad \frac{78}{100} \qquad \frac{7}{10} \qquad \frac{69}{100}$$

Which fraction listed is the smallest? _____

Which fraction listed is the greatest? _____

Which two fractions listed have a difference of $\frac{1}{100}$? _____ and _____

# Bear Blitz

**Day 131**

MAFS.4.

1)

Bronwyn bought $3\frac{4}{8}$ pounds of peaches and $4\frac{3}{8}$ pounds of plums. Write an equation that can be used to find how many pounds of fruit she bought in all. Then solve the equation to find the answer.

**Answer** _____ pounds

MAFS.4.

2)

For each addition problem below, convert both fractions to a fraction with a denominator of 100. Then add the two fractions to find the sum.

$$\frac{6}{10} + \frac{31}{100}$$

$$\frac{1}{10} + \frac{29}{100}$$

$$\frac{4}{10} + \frac{7}{100}$$

$$\frac{8}{10} + \frac{11}{100}$$

$$\frac{2}{10} + \frac{57}{100}$$

# Bear Blitz

**Day 132**

1)

Kirk is $4\frac{7}{12}$ feet tall. Hayley is $5\frac{1}{12}$ feet tall. Write an equation that can be used to find how much taller Hayley is than Kirk. Then solve the equation to find the answer.

**Answer** _____ feet

---

2)

A recipe for banana bread requires $1\frac{1}{2}$ cups of flour. Clare fills a $\frac{1}{2}$ cup measuring cup several times to measure out the flour. How many times will Clare need to fill the $\frac{1}{2}$ cup measuring cup to measure out $1\frac{1}{2}$ cups of flour? Show your work or explain how you found your answer.

Andy only has a measuring cup for $\frac{1}{4}$ cup. How many times will Andy need to fill the $\frac{1}{4}$ cup measuring cup to measure out $1\frac{1}{2}$ cups of flour? Show your work or explain how you found your answer.

# Bear Blitz

**Day 133**

MAFS.4.

1)

The table below shows how far four students traveled to school.

| Student | Distance Traveled (miles) |
|---------|---------------------------|
| Ahmed | $2\frac{4}{5}$ |
| Bryce | $3\frac{1}{5}$ |
| Dmitri | $4\frac{3}{5}$ |
| Jared | $1\frac{2}{5}$ |

How much farther did Dmitri travel than Jared?

**Show your work.**

Answer _____ miles

How much farther did Dmitri travel than Ahmed?

**Show your work.**

Answer _____ miles

How much farther did Bryce travel than Jared?

**Show your work.**

Answer _____ miles

# Bear Blitz

**Day 134**

MAFS.4.

1)

Jackie bought 3 supreme pizzas, 3 chicken pizzas, and 3 vegetarian pizzas for a party. The list below shows how much pizza of each type was eaten.

- $2\frac{7}{8}$ supreme pizzas
- $2\frac{3}{8}$ chicken pizzas
- $2\frac{1}{8}$ vegetarian pizzas

What fraction more of the supreme pizza was eaten than the vegetarian pizza?

**Show your work.**

**Answer** _____ pizzas

What fraction of the total pizza was eaten?

**Show your work.**

**Answer** _____ pizzas

What fraction of the total pizza remains?

**Show your work.**

**Answer** _____ pizzas
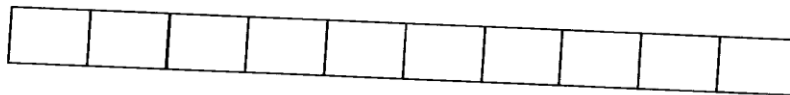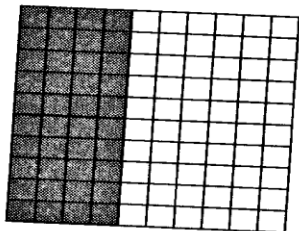
# Bear Blitz

**Day 135**

MAFS.4.

1)

Each hundreds grid is shaded to represent a fraction. Shade the tens grid to represent an equivalent fraction. Then write the two shaded fractions on the blank lines.
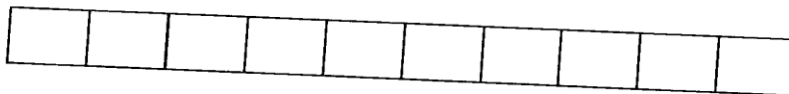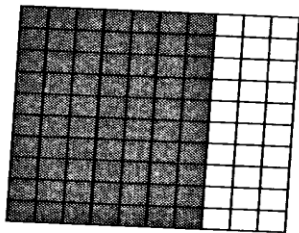
**Fractions** _____ and _____

**Fractions** _____ and _____

MAFS.4.

2)

Phoebe states that the sum of $\frac{8}{10}$ and $\frac{9}{100}$ is $\frac{17}{100}$. Describe the mistake that Phoebe made when completing the calculation. Then write a number sentence that shows how to add the two fractions correctly.
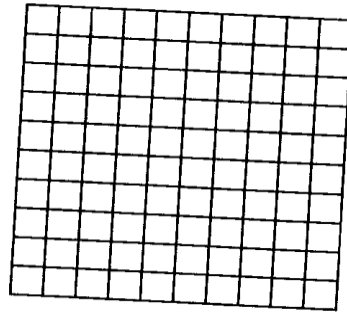
# Bear Blitz

**Day 136**

MAFS.4.

1)

Shade the model below to represent the sum of $\frac{3}{10}$ and $\frac{27}{100}$. Then write the sum on the line below.
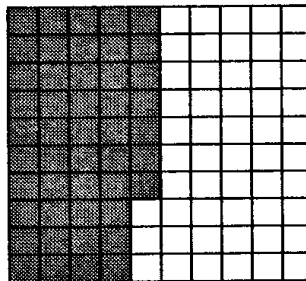
**Sum** _____

MAFS.4.

2)

Trey is tiling his dining room floor. The fraction of the room he has tiled so far is represented by the shaded part of the diagram below. Trey tiles $\frac{2}{10}$ more of the dining room floor. What is the total amount tiled? Show your work or explain how you found your answer.

# Bear Blitz

**Day 137**

MAFS.4.N.F.3

**1**  What is the value of $2\frac{7}{100}$ in decimal form?

    Ⓐ 0.27          Ⓑ 2.7          Ⓒ 2.07          Ⓓ 27.00

**2**  What is the value of $\frac{6}{10}$ in decimal form?

    Ⓐ 0.3          Ⓑ 0.03          Ⓒ 0.6          Ⓓ 0.06

**3**  Michael made the table below to show how much he received in tips on the four days that he worked.

| Day | Amount |
|---|---|
| Monday | $31.55 |
| Tuesday | $31.81 |
| Thursday | $31.75 |
| Friday | $31.09 |

On which day did Michael earn the most in tips?

Ⓐ Monday          Ⓑ Tuesday          Ⓒ Thursday          Ⓓ Friday

**4**  Ronald competed in a swimming race. All the students finished the race in between 45.8 seconds and 47.6 seconds. Which of the following could have been Ronald's time? Select all the possible answers.

    ☐ 45.97          ☐ 45.38          ☐ 47.75          ☐ 47.12

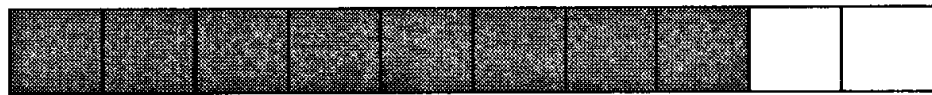    ☐ 45.09          ☐ 47.95          ☐ 45.82          ☐ 47.55

# **Bear Blitz**

**Day 138**

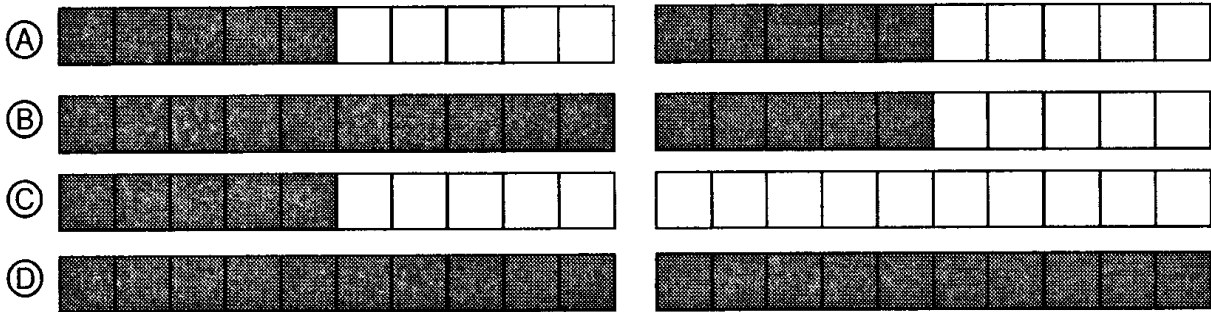MAFS.4.NF.3

1)

Which decimal represents the shaded model below?

Ⓐ 0.04          Ⓑ 0.08          Ⓒ 0.4          Ⓓ 0.8

MAFS.4.NF.3

2)

Which shaded model represents 1.5?

Ⓐ

Ⓑ

Ⓒ

Ⓓ

MAFS.4.NF.3

3)

Which number is greater than 0.75?
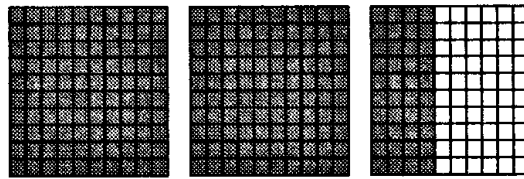
Ⓐ 0.68          Ⓑ 0.72          Ⓒ 0.79          Ⓓ 0.57

# Bear Blitz

**Day 139**

1)

The model below is shaded to show $2\frac{40}{100}$.
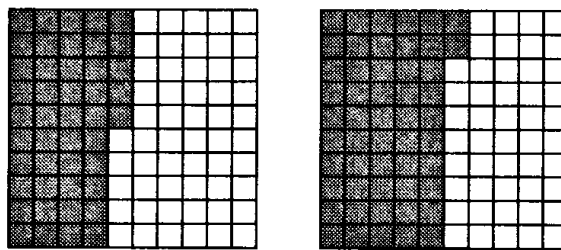


Which decimal does the model represent?

Ⓐ 2.4        Ⓑ 2.04        Ⓒ 200.4        Ⓓ 200.04

2)

The two models below represent two decimals.



Which of the following compares the two decimals?

Ⓐ 0.45 > 0.52      Ⓑ 0.45 < 0.52      Ⓒ 4.5 > 5.2      Ⓓ 4.5 < 5.2

**Day 140**

MAFS.4.

1)

**W**hich fractions are equivalent to 0.9? Select all the correct answers.

☐ $\frac{1}{9}$    ☐ $\frac{9}{10}$    ☐ $\frac{9}{100}$    ☐ $\frac{90}{100}$

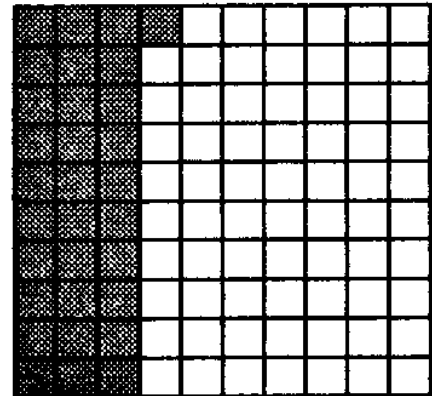☐ $\frac{9}{1}$    ☐ $\frac{10}{9}$    ☐ $\frac{100}{9}$    ☐ $\frac{10}{90}$

MAFS.4.

2)

# The model below is shaded to show $\frac{31}{100}$.



# What decimal does the model represent?

# Bear Blitz

**Day 141**

MAFS.4.NF.3

1)

The model below is shaded to show $1\frac{4}{10}$.



What is the value of $1\frac{4}{10}$ in decimal form?

MAFS.4.NF.3

2)

Carly states that her bedroom is $9\frac{6}{10}$ meters long and $7\frac{3}{10}$ meters wide. Write the length and width of the bedroom in decimal form.

MAFS.4.NF.3.7

3)

Place the symbol <, >, or = in the empty box to make each number sentence correct.

4.15 ☐ 4.51          3.06 ☐ 3.60          2.13 ☐ 2.17

5.90 ☐ 5.9          7.58 ☐ 7.38          9.94 ☐ 9.56

# Bear Blitz

**Day 142**

MAFS.4.NF.3.5

1)

Convert each fraction below to a fraction or a mixed number with a denominator of 10. Then convert the fraction to a decimal.

| Fraction | Fraction with Denominator of 10 | Decimal |
|---|---|---|
| $\frac{1}{2}$ | | |
| $\frac{1}{5}$ | | |
| $4\frac{3}{5}$ | | |
| $6\frac{4}{5}$ | | |

MAFS.4.

2)

The table shows the amount of rainfall for the first five days of the week.

| Day | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Rainfall (cm) | 3.58 | 3.18 | 3.09 | 3.62 | 3.37 |

What was the lowest rainfall over the 5 days? _____ cm

What was the highest rainfall over the 5 days? _____ cm

On Saturday, the rainfall was between the rainfall on Monday and Thursday

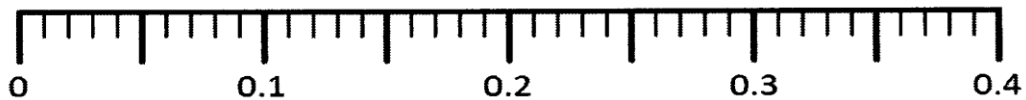Write two possible rainfalls for Saturday. _____ cm or _____ cm

# Bear Blitz

**Day 143**

MAFS.4.NF.3.5

1)

MAFS.4.NF.2.7

2)

Plot the decimals 0.2, 0.27, 0.14, 0.38 and 0.33 on the number line below.

0    0.1    0.2    0.3    0.4

Use the number line to compare the pairs of decimals below. Place the symbol <, >, or = in the empty box to make each number sentence correct.

0.2 ☐ 0.27        0.2 ☐ 0.14        0.38 ☐ 0.33

# **Bear Blitz**

**Day 144**

MAFS.4.NF.1, MAFS.4.NF.3

1)

Plot the fractions listed below on the number line.

$$\frac{3}{10}, \frac{9}{10}, 1\frac{1}{10}, 1\frac{7}{10}$$



Write the decimal that is equivalent to each fraction.

$\frac{3}{10} =$          $\frac{9}{10} =$          $1\frac{1}{10} =$          $1\frac{7}{10} =$
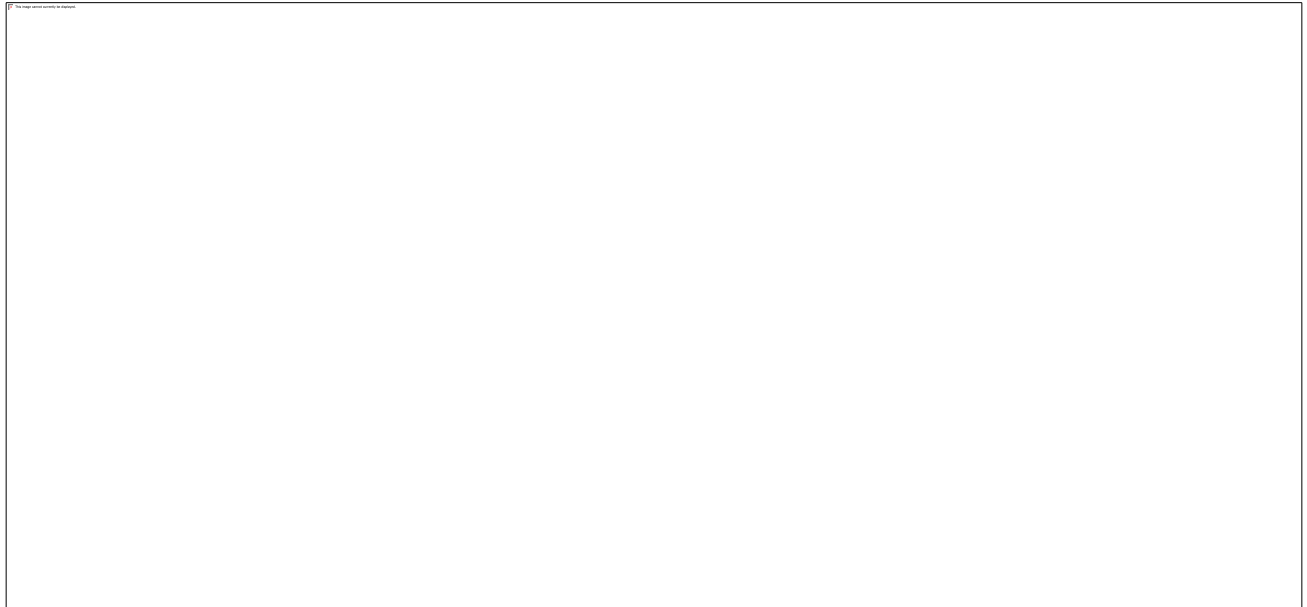
2)

MAFS.4.

**Day 145**

MAFS.4.

1)

MAFS.4.

2)

Victoria's best time for a 100-meter race is $13\frac{73}{100}$ seconds. Anna's best time is $13\frac{6}{10}$ seconds. Convert Victoria's and Anna's best times to decimals.

# Bear Blitz

Day 146

# *Bear Blitz*

Day 147

# *Bear Blitz*

Day 148

# *Bear Blitz*

Day 149

# *Bear Blitz*

Day 150

# Bear Blitz

Day 151

# *Bear Blitz*

Day 152

# Bear Blitz

Day 153

# Bear Blitz

Day 154

# Bear Blitz

Day 155

# *Bear Blitz*

Day 156

# Bear Blitz

Day 157

# *Bear Blitz*

Day 158

# **Bear Blitz**

Day 159

# Bear Blitz

Day 160

# *Bear Blitz*

Day 161

# Bear Blitz

Day 162

# Bear Blitz

Day 163

# *Bear Blitz*

Day 164

# Bear Blitz

Day 165

# **Bear Blitz**

Day 166

# *Bear Blitz*

Day 167

# *Bear Blitz*

Day 168

# Bear Blitz

Day 169

# Bear Blitz

Day 170

# *Bear Blitz*

Day 171

# *Bear Blitz*

Day 172

# Bear Blitz

Day 173

# *Bear Blitz*

Day 174

# Bear Blitz

Day 175

# Bear Blitz

Day 176

# *Bear Blitz*

Day 177

# *Bear Blitz*

Day 178

# *Bear Blitz*

Day 179

# *Bear Blitz*

Day 180