Spring BREAK

Math Prep Grade 3

Math. Trust. Results.℠

Prep it up!

CRS
College-Readiness Standards

Student's Name: _____ Date: _____

Teacher's Name: _____ School Name: _____

eCSB0301-15

Grade 3

Spring Break Prep Package
Day # 1

NAME_____ **DATE**_____

1. During the year, 4 out of the 16 students in Mr. Anderson's class made the honor roll.

   What fraction is equivalent to $\frac{4}{16}$? Mark all that apply.

Ⓐ $\frac{1}{4}$ Ⓑ $\frac{4}{1}$ Ⓒ $\frac{1}{16}$ Ⓓ $\frac{3}{12}$ Ⓔ $\frac{1}{2}$

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2. The total cost of 6 books is $72. Each book costs the same amount.

   Which number sentence can be used to find the cost of each book?

Ⓐ $6 + \square = 72$ Ⓒ $\square \div 72 = 6$

Ⓑ $6 \times \square = 72$ Ⓓ $72 \times 6 = \square$ Ⓔ $\square \div 6 = 72$

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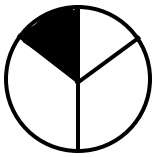
3. What fraction of the circle is shaded?



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

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4. Which of the following statements are true?

Ⓐ $\frac{2}{7} > \frac{2}{9}$ Ⓑ $\frac{4}{6} = \frac{2}{3}$ Ⓒ $\frac{3}{6} > \frac{3}{4}$ Ⓓ $\frac{1}{4} < \frac{1}{6}$ Ⓔ $\frac{3}{4} > \frac{3}{8}$

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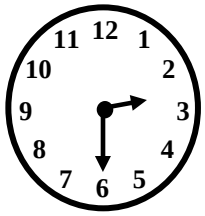
5. The clock below shows what time Mr. Alvarez needs to be at work.



It takes him 40 minutes to get to work from his house.

By what time must Mr. Alvarez leave his house to arrive at work on time?

Ⓐ 2:50 pm Ⓑ 1:50 pm Ⓒ 3:10 pm Ⓓ 2:10 pm Ⓔ 1:30 pm

Grade 3

Spring Break Prep Package
Day # 2

NAME_____ **DATE**_____

1. During the year, 5 out of the 15 students in Ms. Smith's class baked cakes.

   What fraction is equivalent to $\frac{5}{15}$? Mark all that apply.

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

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2. Mariah is thinking of a number. When the number is rounded to the nearest 100 the number is 2,400. When the number is rounded to the nearest 1,000 it is 2,000.

   Which of the following numbers could it be? Mark all that apply.

   Ⓐ 2,369 Ⓑ 2,340 Ⓒ 2,390 Ⓓ 2,470 Ⓔ 3,000

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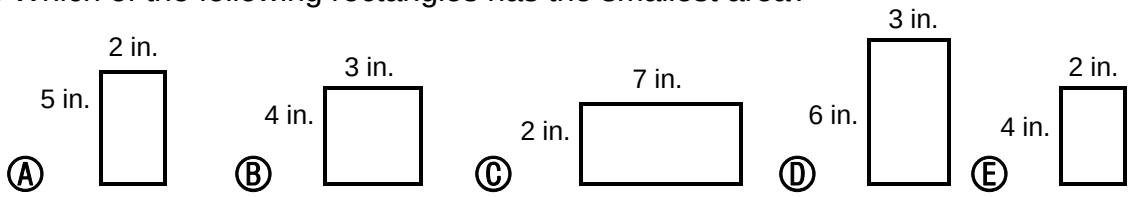
3. Which of the following rectangles has the smallest area?



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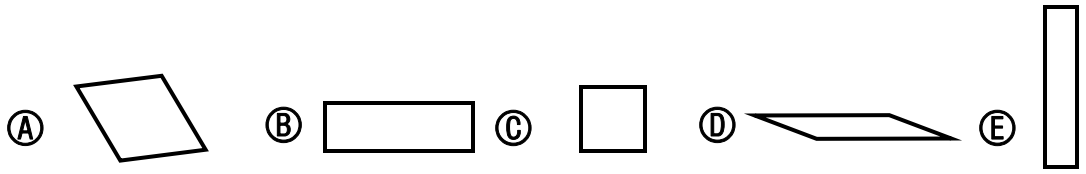
4. Which of the following shapes is a rectangle? Mark all that apply.



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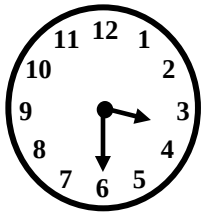
5. The clock below shows what time Ms. Francine needs to be at work.



It takes her 40 minutes to get to work from her house.

By what time must Ms. Francine leave her house to arrive at work on time?

Ⓐ 2:10 pm Ⓑ 3:00 pm Ⓒ 1:50 pm Ⓓ 2:50 pm Ⓔ 3:30 pm

Grade 3

Spring Break Prep Package
Day # 3

NAME_____ **DATE**_____

1. During the year, 4 out of 20 students voted for class president in Ms. Thomas' class.

   What fraction is equivalent to $\frac{4}{20}$? Mark all that apply.

   Ⓐ $\frac{1}{5}$ Ⓑ $\frac{1}{4}$ Ⓒ $\frac{1}{20}$ Ⓓ $\frac{5}{1}$ Ⓔ $\frac{2}{10}$

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2. Joseph is thinking of a number. When the number is rounded to the nearest 10, the number is 1,880. When the number is rounded to the nearest 100, it is 1,900.

   Which of the following numbers could it be? Mark all that apply.

   Ⓐ 1,876 Ⓑ 1,786 Ⓒ 1,874 Ⓓ 1,870 Ⓔ 1,875

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3. Which of the following rectangles has the greatest area?

Ⓐ 6 in. × 3 in.

Ⓑ 4 in. × 5 in.

Ⓒ 4 in. × 6 in.

Ⓓ 8 in. × 1 in.

Ⓔ 2 in. × 3 in.

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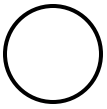
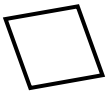
4. Which of the following shapes is a rhombus? Mark all that apply.

Ⓐ  Ⓑ  Ⓒ  Ⓓ  Ⓔ 

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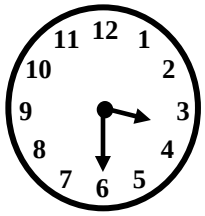
5. The clock below shows what time Mr. Harrison needs to be at work.



It takes him 45 minutes to get to work from his house.

By what time must Mr. Harrison leave his house to arrive at work on time?

Ⓐ 3:30 pm Ⓑ 3:15 pm Ⓒ 2:00 pm Ⓓ 3:45 pm Ⓔ 2:45 pm

Spring Break Prep Package
Grade 3 — Day # 4

NAME_____ **DATE**_____

1. Which expression is equivalent to 19×8 ?

Ⓐ $19 \times 8 \times 2$ Ⓒ $(20 - 1) \times 8$

Ⓑ $(19 - 1) \times 8$ Ⓓ $(19 - 8) \times 1$ Ⓔ $19 \times (2 \times 2)$

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2. Which of the following could the shape below be? Mark all that apply.

Ⓐ hexagon Ⓒ rhombus

Ⓑ pentagon Ⓓ rectangle Ⓔ square

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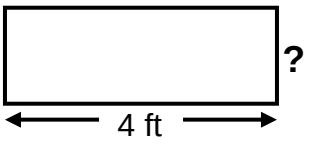
3. The distance around Deliah's box is 14 feet.



If the length of Deliah's box is 4 feet, what is the width?

Ⓐ 10 sq. feet Ⓑ 10 feet Ⓒ 6 feet Ⓓ 3 sq. feet Ⓔ 3 feet

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4. There are 64 students at a volunteer event.
How many teams of 4 students can be formed?

Ⓐ 19 Ⓑ 18 Ⓒ 17 Ⓓ 16 Ⓔ 15

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5. The number of points scored by each player on our team is displayed below.

SUPER ACALETES

Players	Points
Janet	3
Todd	5
Kim	3
Omar	4
Chuck	2

Key
= 5 points

How many more points did Todd score than Kim?

Ⓐ 10 Ⓑ 9 Ⓒ 5 Ⓓ 3 Ⓔ 2

Grade 3

Spring Break Prep Package
Day # 5

NAME_____ **DATE**_____

1. Which expression is equivalent to 15×7 ?

Ⓐ $(15 + 2) \times 5$ Ⓒ $(15 - 2) \times 9$

Ⓑ $(15 + 10) \times 7$ Ⓓ $(10 + 5) \times 7$ Ⓔ $15 \times (3 \times 4)$

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2. Which of the following has the same value as $400 \div 10$? Mark all that apply.

Ⓐ 400×10 Ⓒ $10 \div 400$

Ⓑ $400 \div 10 \div 1$ Ⓓ 4×10 Ⓔ $400 \div (2 \times 5)$

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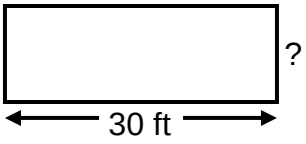
3. The distance around Trey's box is 100 feet.



If the length of Trey's box is 30 feet, what is the width?

Ⓐ 20 sq. feet Ⓑ 20 feet Ⓒ 30 sq. feet Ⓓ 30 feet Ⓔ 70 feet

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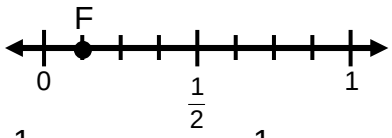
4. On the number line below, what fraction is represented by F? Mark all that apply.



Ⓐ $\frac{2}{16}$ Ⓑ $\frac{1}{4}$ Ⓒ $\frac{1}{6}$ Ⓓ $\frac{1}{8}$ Ⓔ $\frac{1}{10}$

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5. The number of points scored by each player on our team is displayed below.

SUPER ACALETES

Players	Points
Janet	3
Todd	4
Kim	3
Omar	5
Chuck	2

Key
= 6 points

How many points did Kim and Janet score together?

Ⓐ 36 Ⓑ 24 Ⓒ 12 Ⓓ 11 Ⓔ 6

Grade 3

Spring Break Prep Package
Day # 6

NAME_____ **DATE**_____

1. Which expression is equivalent to 15×6 ?

Ⓐ $(10 \times 5) \times 6$ Ⓒ $(10 \times 6) \times 5$

Ⓑ $(15 \times 2) \times 3$ Ⓓ $(10 \times 5) \times 3$ Ⓔ $(10 \times 2) \times 3$

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2. Which of the following are quadrilaterals?

Ⓐ heptagon Ⓒ parallelogram

Ⓑ hexagon Ⓓ rectangle Ⓔ triangle

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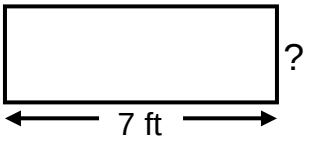
3. The distance around Sam's box is 22 feet.



If the length of Sam's box is 7 feet, what is the width?

Ⓐ 14 sq. feet Ⓑ 14 feet Ⓒ 4 sq. feet Ⓓ 4 feet Ⓔ 3 feet

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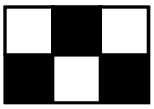
4. What part of the figure below is shaded? Mark all that apply.



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

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5. The pictograph below shows the number of books the students in Mr. Taylor's class read over the summer.

SUMMER READING

Month	Books
June	□□□□□
July	□□▯
August	□□

Key
□ = ?

The students read 10 books in July. What is the value of the key?

Ⓐ 12 Ⓑ 5 Ⓒ 4 Ⓓ 3 Ⓔ 2