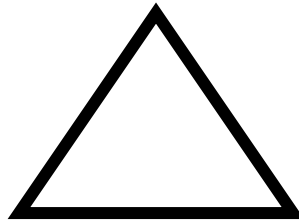☺ ☺   1. Look at each pair of objects below. For each pair, circle the one that is longer.
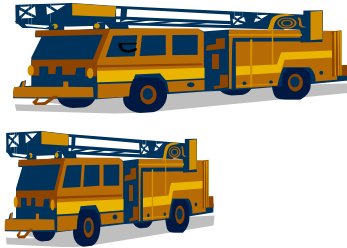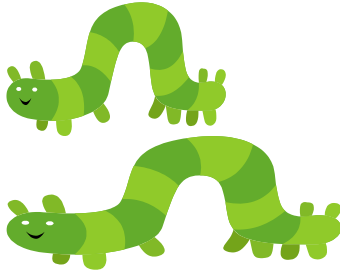
☺ ☺   2. Trace and cut out 6 triangles just like the one below. Use some of the 6 triangles to create as many different designs as you can. Tell what each design looks like, then draw the designs in the box below.

☺ ☺ ☺   3. Write the numbers for five, seven, and nine: _____   _____   _____
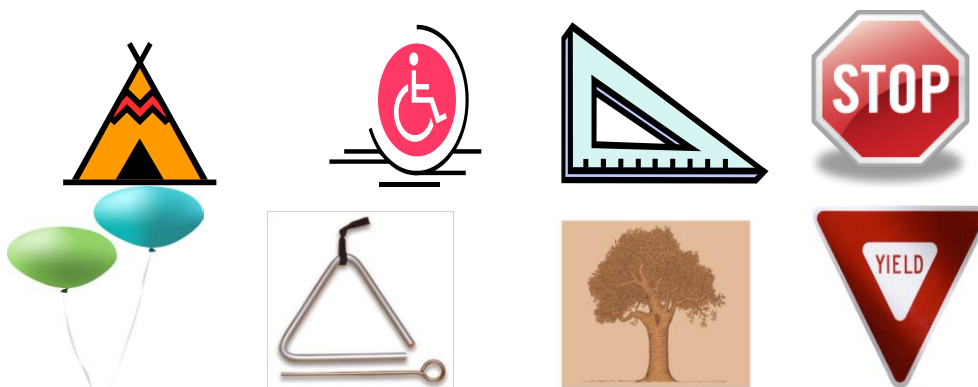
Draw the right number of circles below for each number.

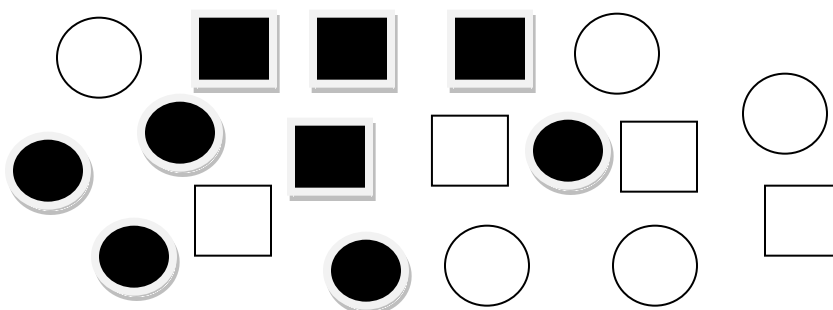Five: Seven: Nine:
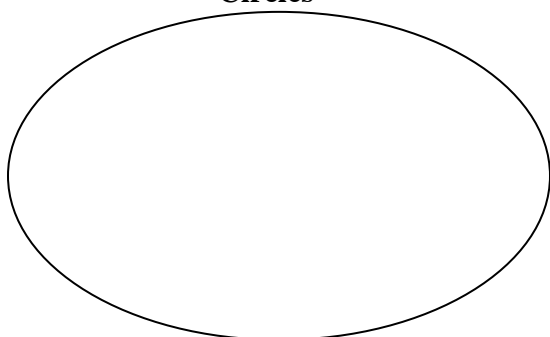
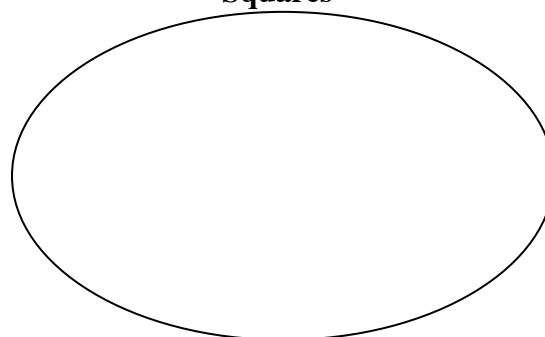☺ ☺ ☺   4. Circle all the triangles you see. Tell how you know they are triangles.

☺ ☺ ☺ ☺ 5.   A. Sort the shapes into 2 groups, squares and circles.
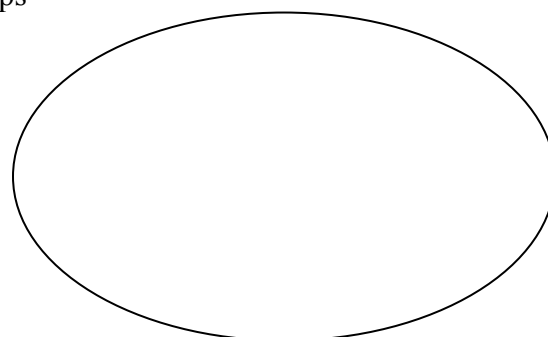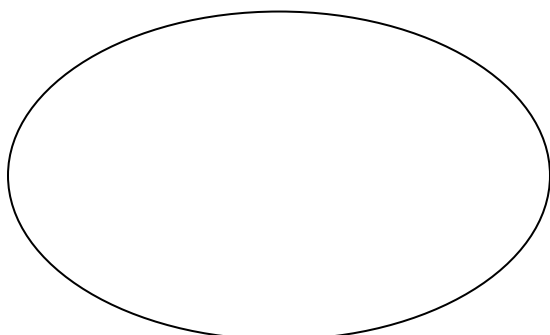
Circles   **Squares**
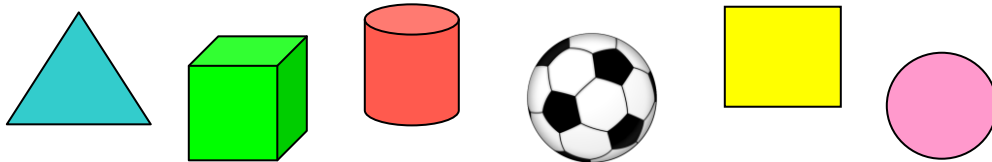
B. Now re-sort the shapes into two other groups
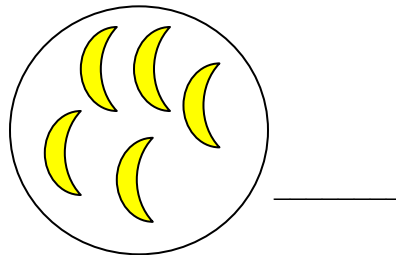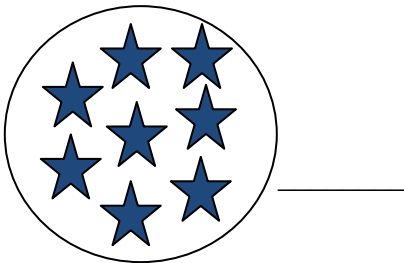
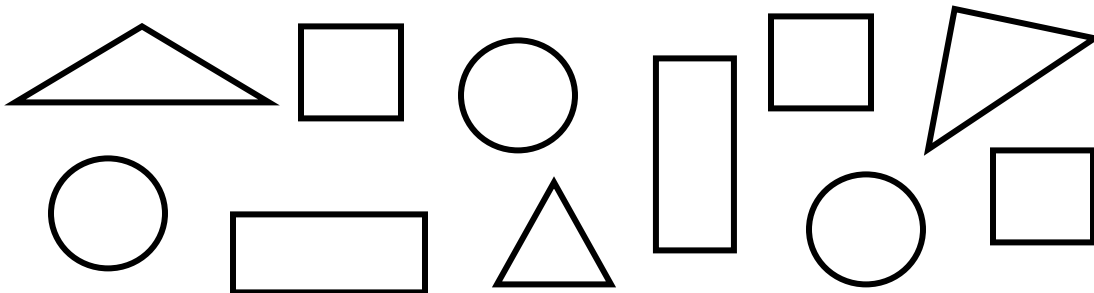☺ ☺   1. Circle the cylinder. Tell what a cylinder looks like.

Answer: _____

☺ ☺   2. Count the stars and moons. Write the number beside each set. Put an X on the set that has more.

☺ ☺   3. Look at the shapes below. Color all of the triangles red. Color all of the circles blue. Color all of the squares green. Color all of the rectangles that aren't squares, orange.

☺ ☺ ☺ 4. Look at the pattern of squares and triangles below. Circle the set that would come next at the end of the pattern. How do you know what comes next?

■ ■ ▲ ▲ ■ ■ ▲ ▲ ■ ■ ▲ ▲ **?**

■ ■   OR   ▲ ▲
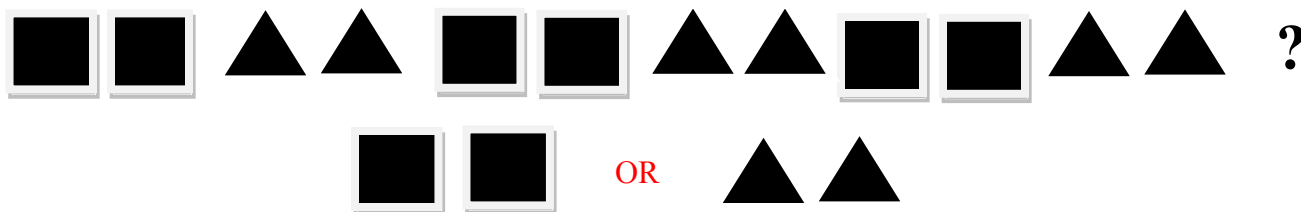
☺ ☺ ☺ 5. Annie was born on February 5, 2009.

What day of the week was that? _____

Tell how you know. _____

February 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

☺   6. Draw one candle for each year old you are now.
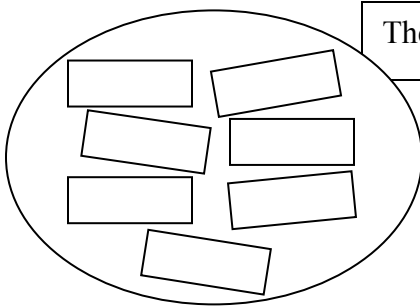
Add two more candles to show how many years old you will be in two more years. Count all the candles—how old will you be in two more years?
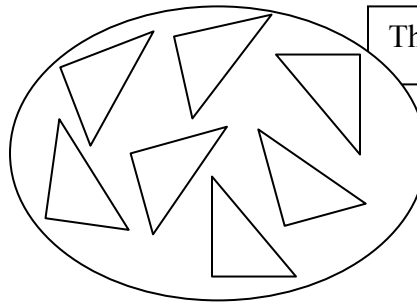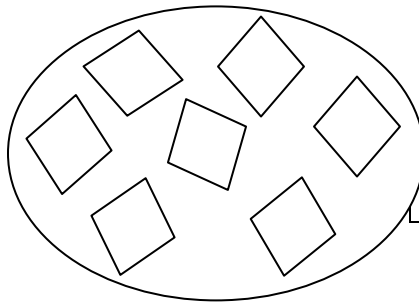   Answer: _____ years old

☺ ☺ ☺   1. Look at the three groups of shapes sorted below. Explain how the shapes are sorted
          into these groups.

These are all _____

These are all _____

These are all _____

☺ ☺   2. Patrick found five shells on the beach. His mom gave him three more shells. How many
       shells does Patrick have now?

                        Answer: He has _____ shells now.

          Shells Patrick found: *Shells his Mom gave him:*

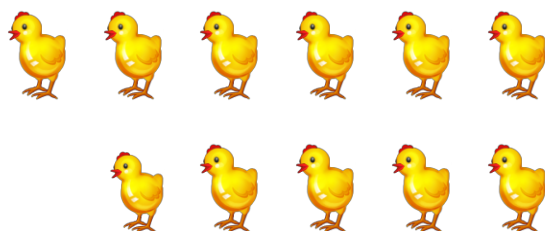☺ ☺   3. What would come next in the pattern? Show your answer with your hands and feet.

       Snap, Clap, Stomp, Stomp, Snap, Clap, Stomp, Stomp, Snap, Clap, Stomp, Stomp, ? ,?…

                        Answer: _____, _____ come next

☺ ☺ ☺ 4. Put an X on all the circles you see. Tell how you know they are circles.

☺ ☺ ☺ 5. Here are some chicks. Count them and tell how many in all.

Write the number of chicks you counted in all: _____

☺ ☺ 6. Measure the snakes below using paper clips. Tell how many paper clips long each snake is, but don't measure its tongue. Write the number under the snake.
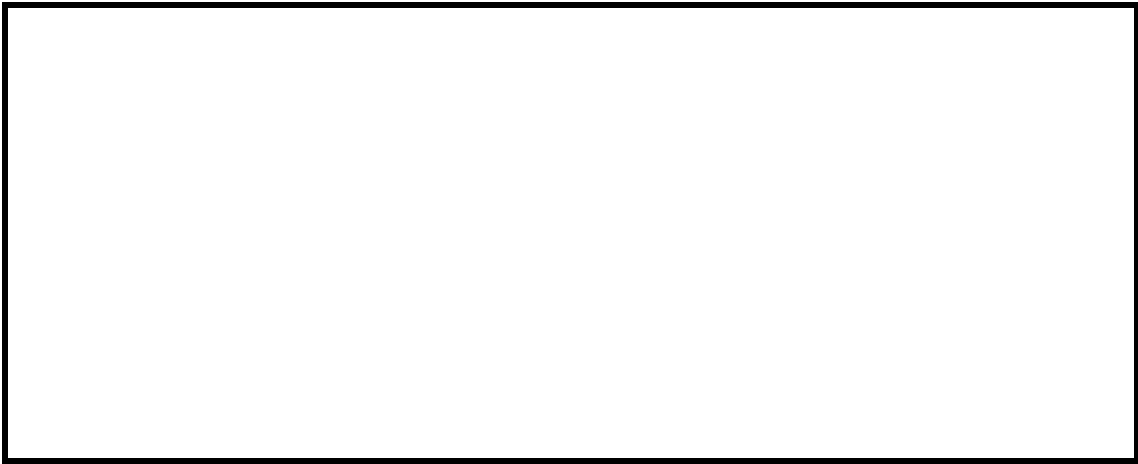
_____ **paper clips**

_____ **paper clips**

Smiley Face Math
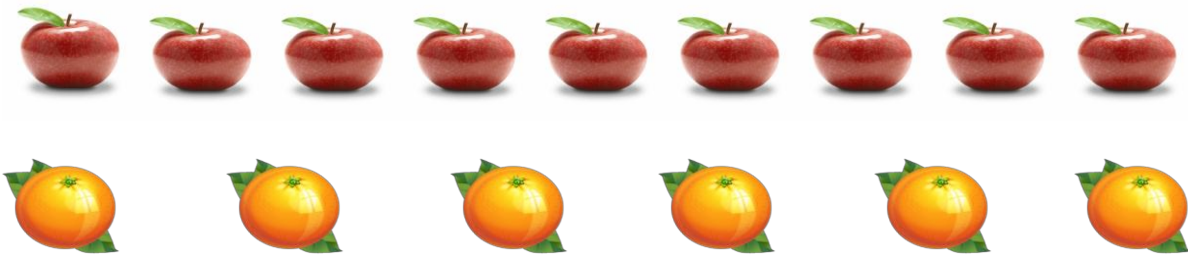Worksheet IV

Name: _____

☺ ☺ ☺   1. Use toothpicks to make some closed shapes that have 3 sides and some shapes that have 4 sides. Draw your shapes in the box below.

Make a Shape

☺ ☺   2. Look at the rows of fruit. How many more apples are there than oranges? _____

Tell how you know.

☺ ☺   3. There were nine balloons at a birthday party. Three of them popped. How many balloons were left?

Answer: _____

☺ ☺   4. Jack put on his pajamas. Was it morning or nighttime? _____

Circle what he might have seen in the sky. Tell how you know.

Answer: I know because _____.

☺ ☺ ☺   5. Look at the picture below.

Color the shapes that are *over* the dog.

Put dots inside the shapes that are *under* the dog.
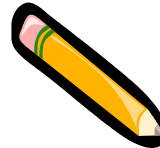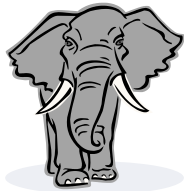
Draw a triangle *next to* the dog's bone.

Name: _____

☺ ☺ ☺   1. Circle the pictures of cubes. Tell how you know which shapes are cubes.

Answer: _____

☺ ☺ ☺   2. Look at the pictures below. Circle the objects that, in real life, are heavier than you.
Put an X on the objects that are lighter than you.

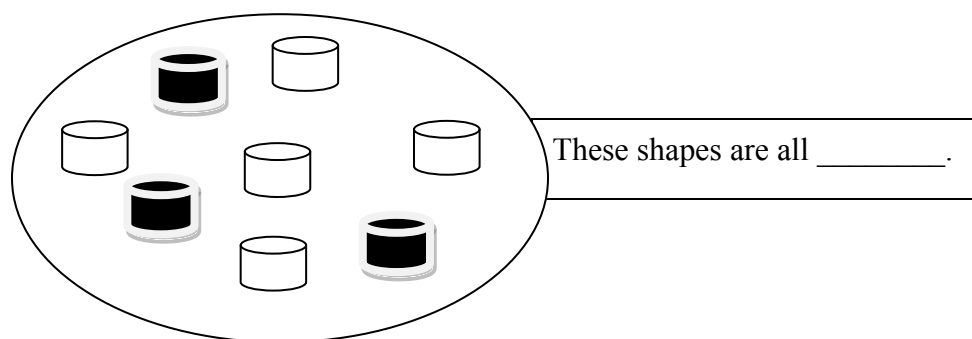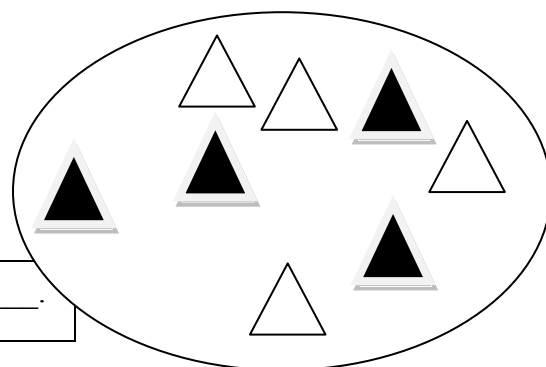☺ ☺ ☺   3. Follow the directions below using the row of ladybugs.

**Start on the left. Draw a circle around the second ladybug. Draw a
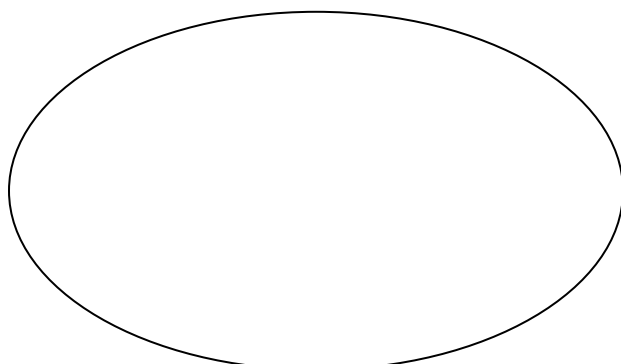line under the sixth ladybug. Draw a square around the tenth ladybug.**

☺ ☺ ☺ 4. Look at the groups of shapes sorted below. Explain how these shapes are sorted into these groups.

These shapes are all _____.

These shapes are all _____.
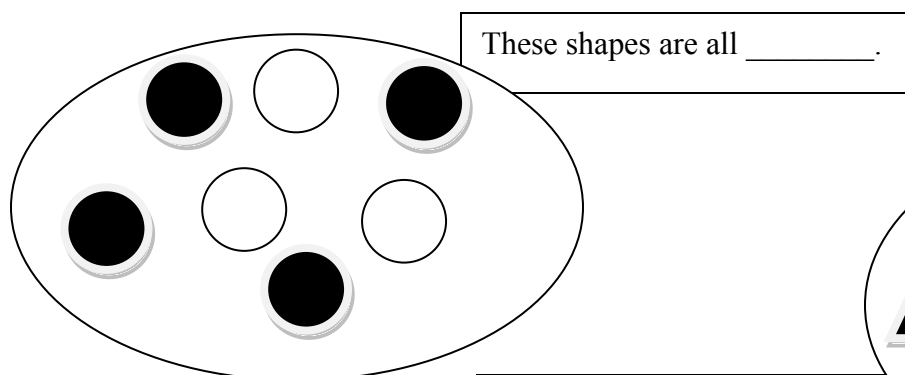
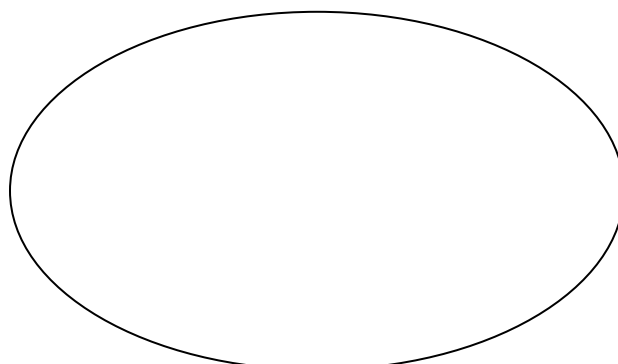These shapes are all _____.

☺ ☺ 5. Now re-sort the shapes above a different way by drawing them in the two ovals below. Explain how you knew where to put each shape.

These are all _____.

These are all _____.

☺ ☺   1. What animal would come next in the pattern? Circle what comes next.

?

OR

☺ ☺ ☺ 2. Put a circle around all the pictures of cylinders. Tell how you know they are cylinders.

☺ ☺   3. Color in 13 squares below.

☺ ☺   4. Look at the pictures below. Write a "1" for the picture that comes first on a school day and a "2" for the picture that comes second.   Tell how you know.

Answer: _____   _____

☺ ☺ ☺   5. Lee planted three flowers. Her sister gave her two more flowers to plant. How many flowers did Lee plant in all?

Answer: _____

☺ ☺ ☺   6. Peggy had a bag with nine lollipops in it. She gave five lollipops to her friends. How many lollipops does she have now?

Answer: _____

Peggy started with this many lollipops:

☺ ☺ ☺ ☺ 1. Tommy drew this picture. How many triangles did he use? _____ How

many circles? _____ How many rectangles? _____
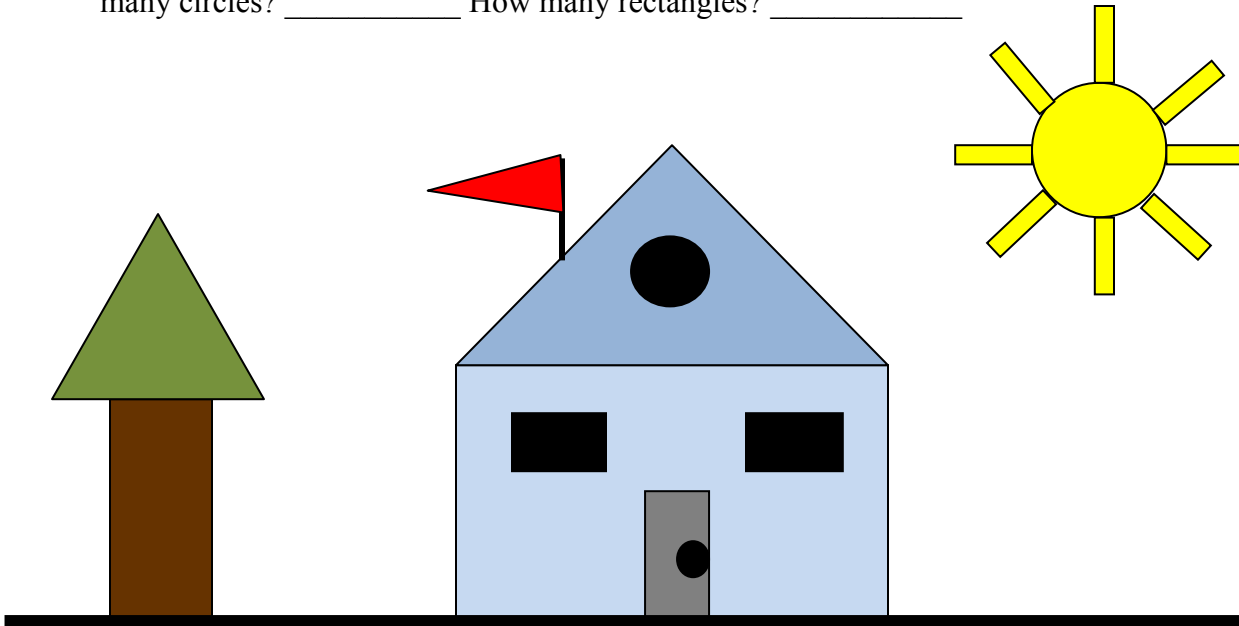
☺ ☺ 2. Circle the pictures that show a sphere. Tell how you know they are spheres.

Answer: They are spheres because _____

☺ ☺ ☺ 3. Start on the left and say the shape names in order. Then draw the next 6 shapes in this *growing* pattern.

○ □ △ ○ ○ □ △ ○ ○ ○ □ △ ? ? ? ? ? ?
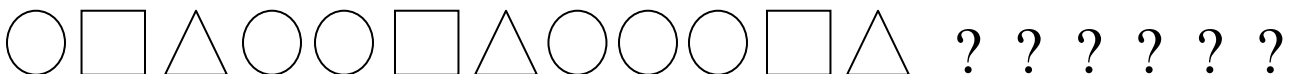
☺ ☺ ☺ 4. Color the *tallest* rectangle blue. Color the *shortest* rectangle orange. Color the two rectangles that are *the same size* green.
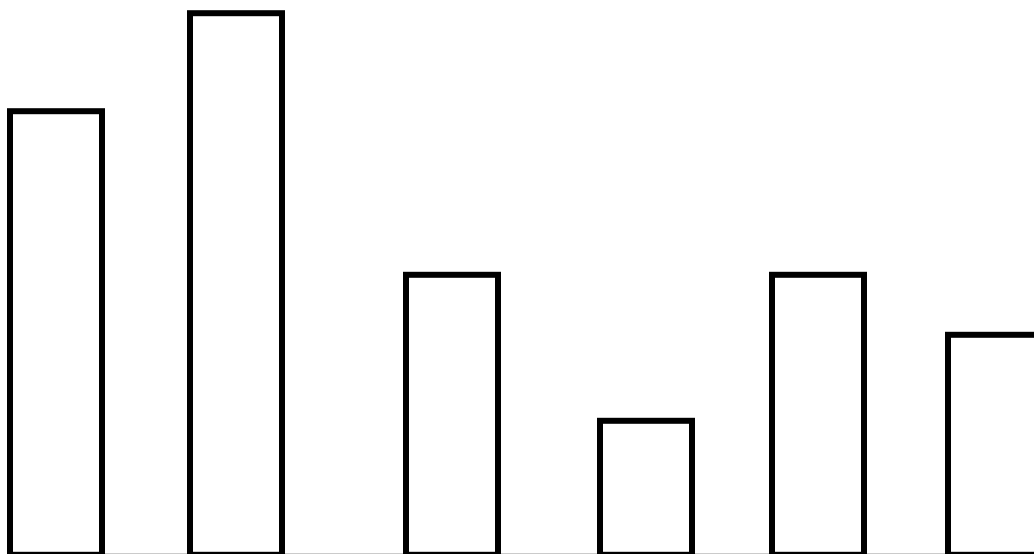
☺ ☺ ☺ 5. Use the pictures below to answer the questions.

What shape is the outside edge of each picture in the top row? _____

What shape is the outside edge of each picture in the middle row? _____

What shape is the outside edge of each picture in the bottom row? _____
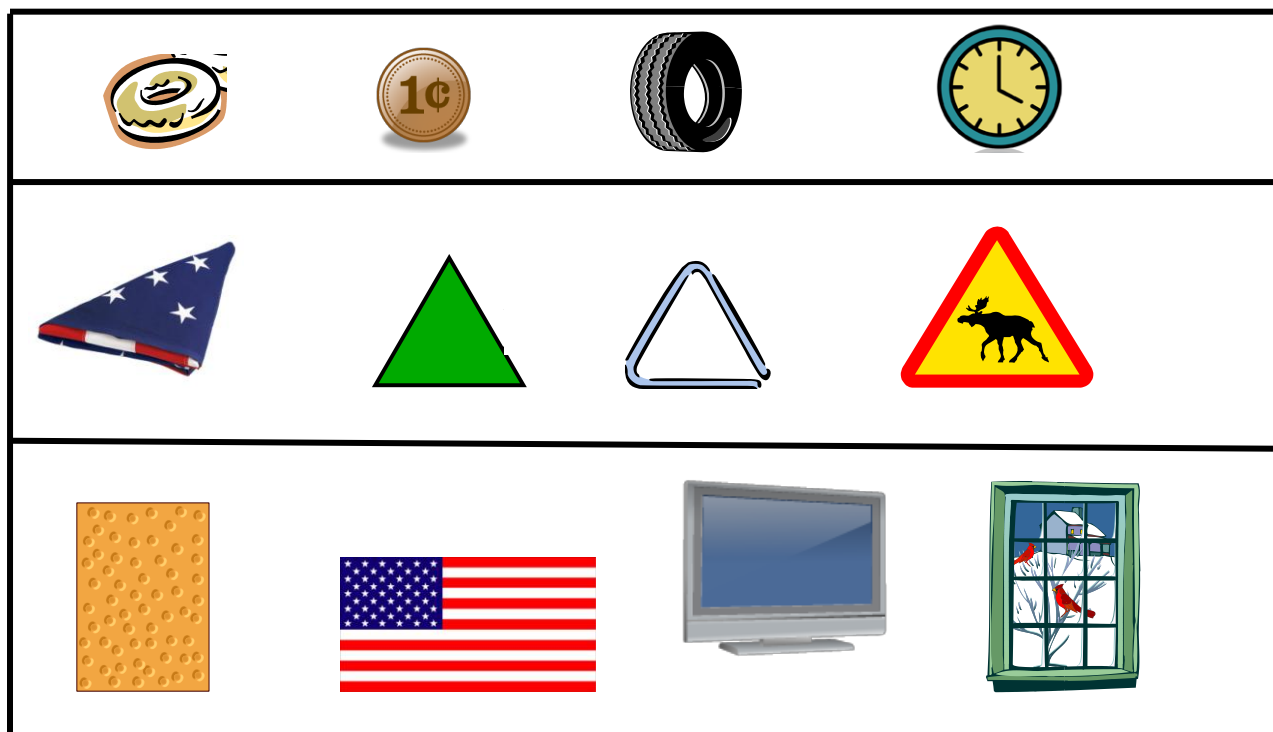
☺ ☺   1. What month and year was it on the calendar below? Tell how you know.

Answer: _____

July 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

☺ ☺ ☺   2. In the empty squares, make a set of dots that has *more,* a set that has *less,* and a set that has *the same number* as the dots in the square below.
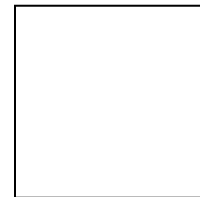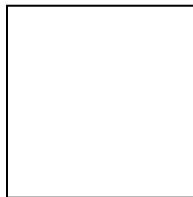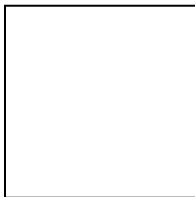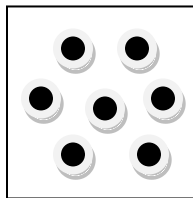
More   **Less**   **Same**

☺ ☺ ☺   3. Put **X**'s in each circle to represent the number shown *above* each circle.

2   8   20
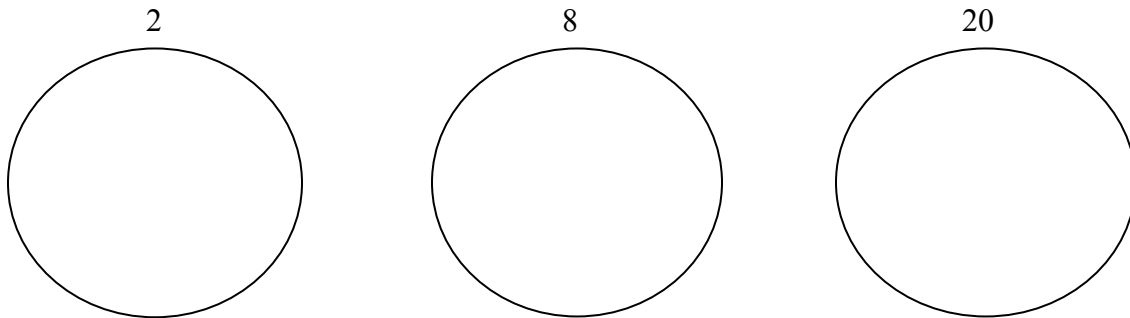
☺ ☺ ☺ 4. Make up your own pattern with these shapes:
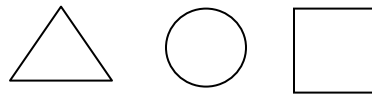
Answer: My pattern is _____

☺ ☺   5. Tony had four toy cars. He got four more for his birthday. How many toy cars did he have then?

Tony's cars:

Tony's birthday cars:

Answer: Tony had _____ cars then.

☺   6. Look at the triangle, rectangle, and square below. Tell how they are alike, then tell how they are different.
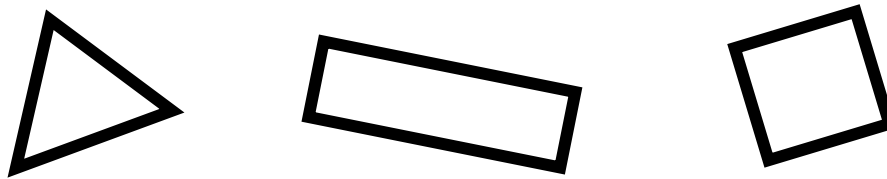
Answer: They are alike because _____

They are different because _____

☺ ☺ ☺ 7. Look around your bedroom and find objects whose outside edge forms a square. Below draw pictures of the squares you find. Tell what the objects are.

Name: _____

☺ ☺ ☺   1. Color in 15 squares.
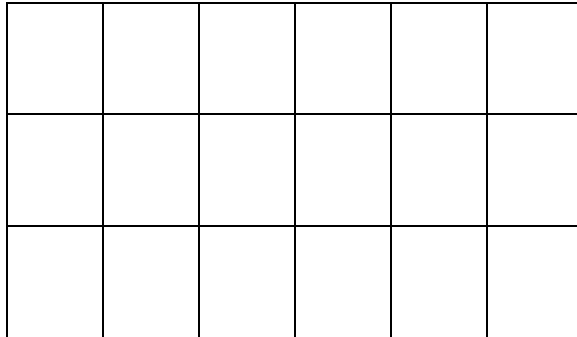
How many squares are colored? _____

How many squares are not colored? _____

☺ ☺   2. Look at the shapes below. Put an X through the shape that does not belong because of the number of sides.
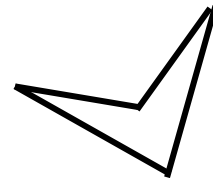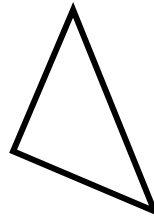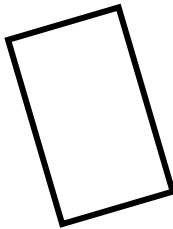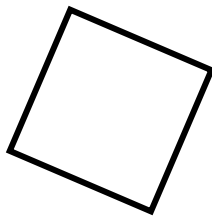
☺ ☺ ☺ 3. Circle the picture of a *rectangular prism*. Tell how you know it is a rectangular prism.

Answer: _____
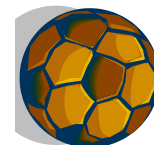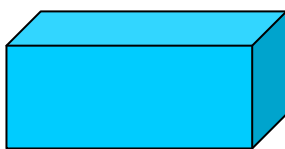
☺ ☺   4. Sandy is holding some balloons. Count how many she has, and write that number.

Answer: She has _____ balloons.

☺☺ ☺ 5. One of Sandy's balloons popped.   Then she let go of two balloons and they floated away. How many balloons did Sandy have then?

Answer: Sandy had _____ balloons left.
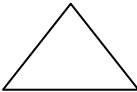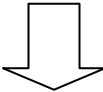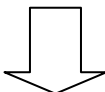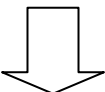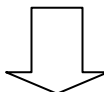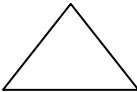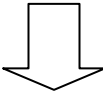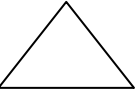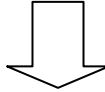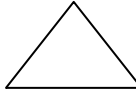
☺☺☺ 6. Fill in the missing number in each row.

.... 6   7   8   ☐   10 ....

.... 12   ☐   14   15   16 ....

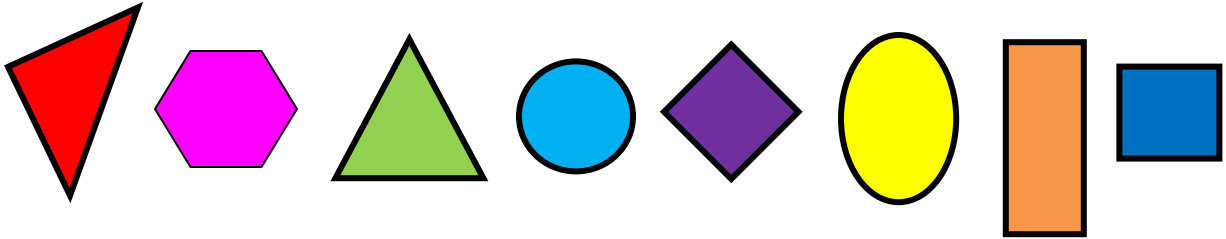
.... 9   ☐   7   6   5 ....

☺☺☺☺ 7. Look at the pattern below. Name each shape starting at the top left. Go from each row to the beginning of the next row. Finish the pattern by drawing shapes in the bottom row.

☺ ☺ ☺ ☺ 1. Use the shapes below. Draw each shape in the box that it belongs in.

shapes with curves

shapes with 3 sides

shapes with 4 sides

shapes with 6 sides

☺ ☺ 2. Write the numbers from 1-20 by filling in the squares below. Fill in the numbers from left to right in each row, then return to the left in the row *beneath* it..

☺ ☺   3. Sasha had twelve belts. She lost four belts. How many belts did Sasha have then?
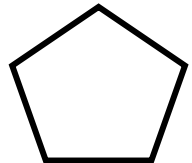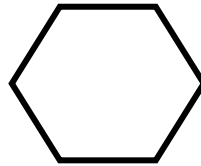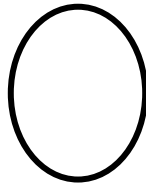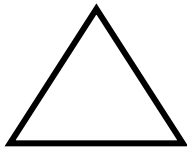
Answer: _____ belts

☺ ☺ ☺   4. Sasha had 5 pairs of socks. How many socks did she have?   _____ socks
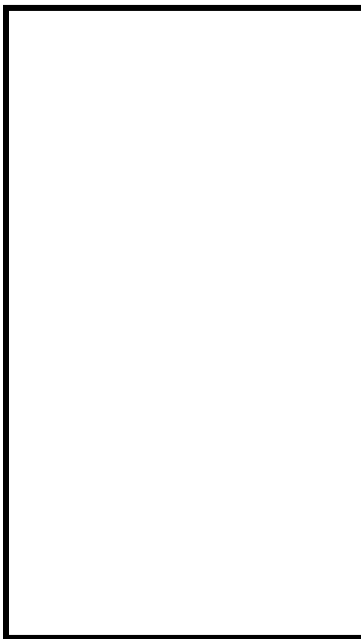
1 pair of socks

☺ ☺   5. Look at the row of shapes. Put an X through the shape that does not belong because the sides are different.
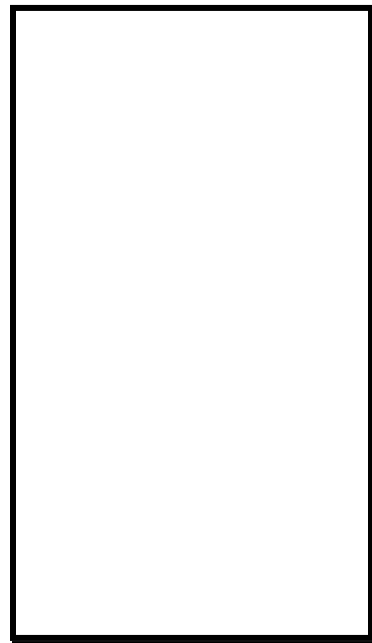
☺ ☺   6. In the boxes next to the gingerbread man, draw a gingerbread man that is shorter and one that is taller than the gingerbread man.

SHORTER

TALLER