Homework Helpers

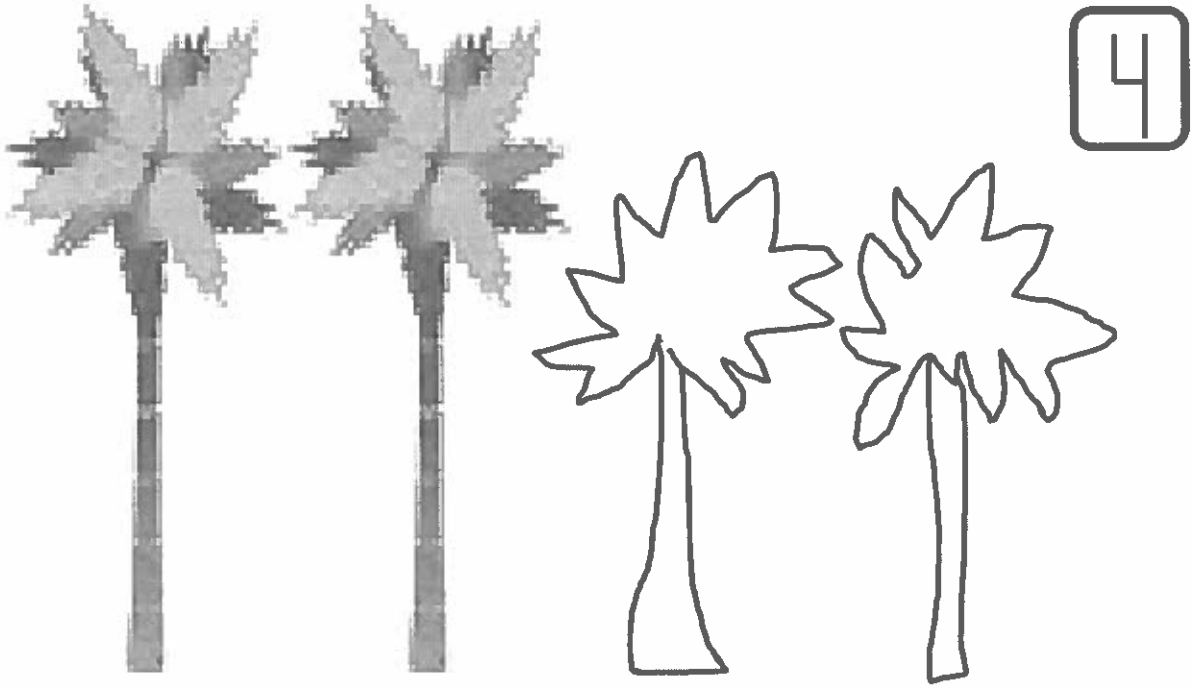
Grade K
Module 3

GK-M3-Lesson 1

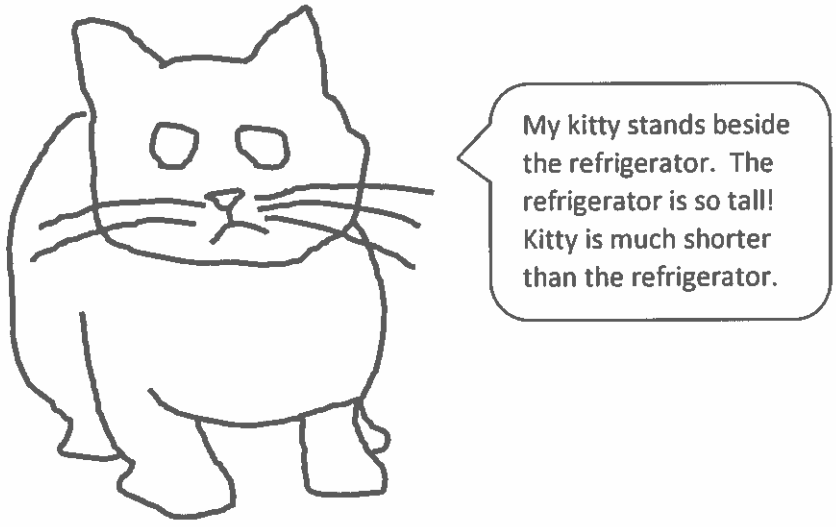
Draw 2 more trees that are shorter than these trees.

Count how many trees you have now.

Write the number in the box.



On the back of your paper, draw something that is shorter than the refrigerator.



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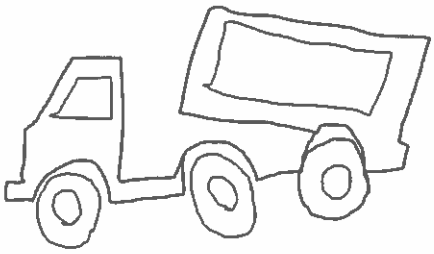
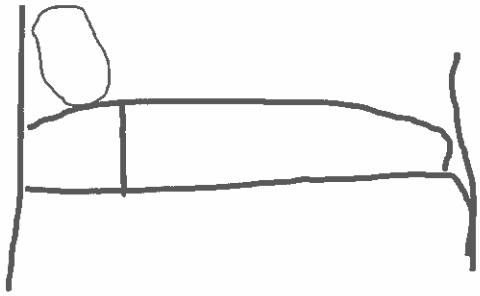
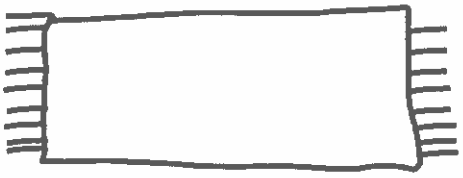
GK-M3-Lesson 2

Using the 1-foot piece of string from class, find three items at home that are shorter than your piece of string and three items that are longer than your piece of string. Draw a picture of those objects on the chart. Try to find at least one thing that is about the same length as your string, and draw a picture of it on the back.

Shorter than the string	Longer than the string
	 
My building block, my truck, and Sam's sippy cup are all shorter than the string.	I compare the string to things in my room. My bed, my rug, and my jump rope are longer than the string!

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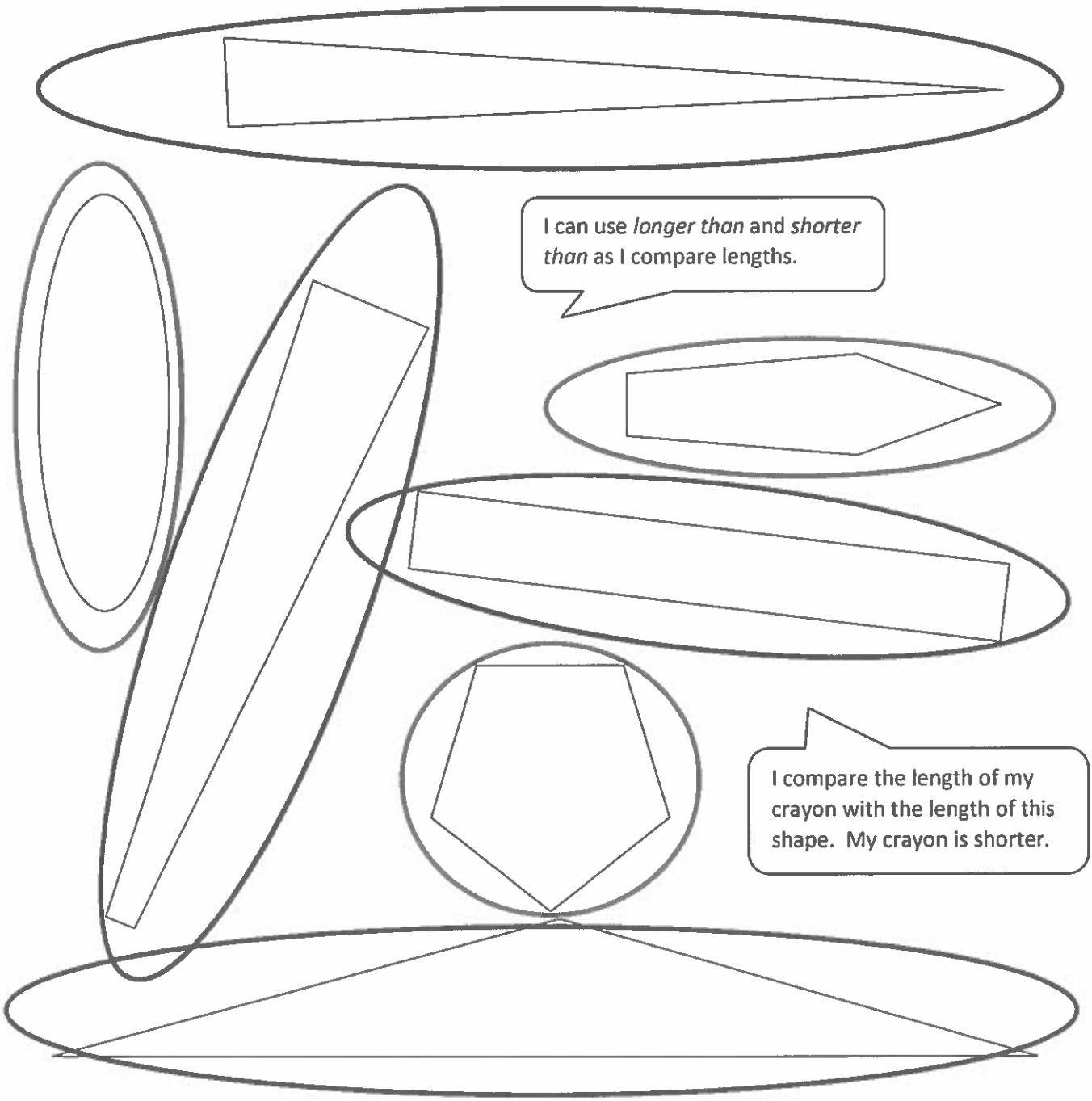
GK-M3-Lesson 3

Take out a new crayon. Use a red crayon to circle objects with lengths shorter than the crayon. Use a blue crayon to circle objects with lengths longer than the crayon.



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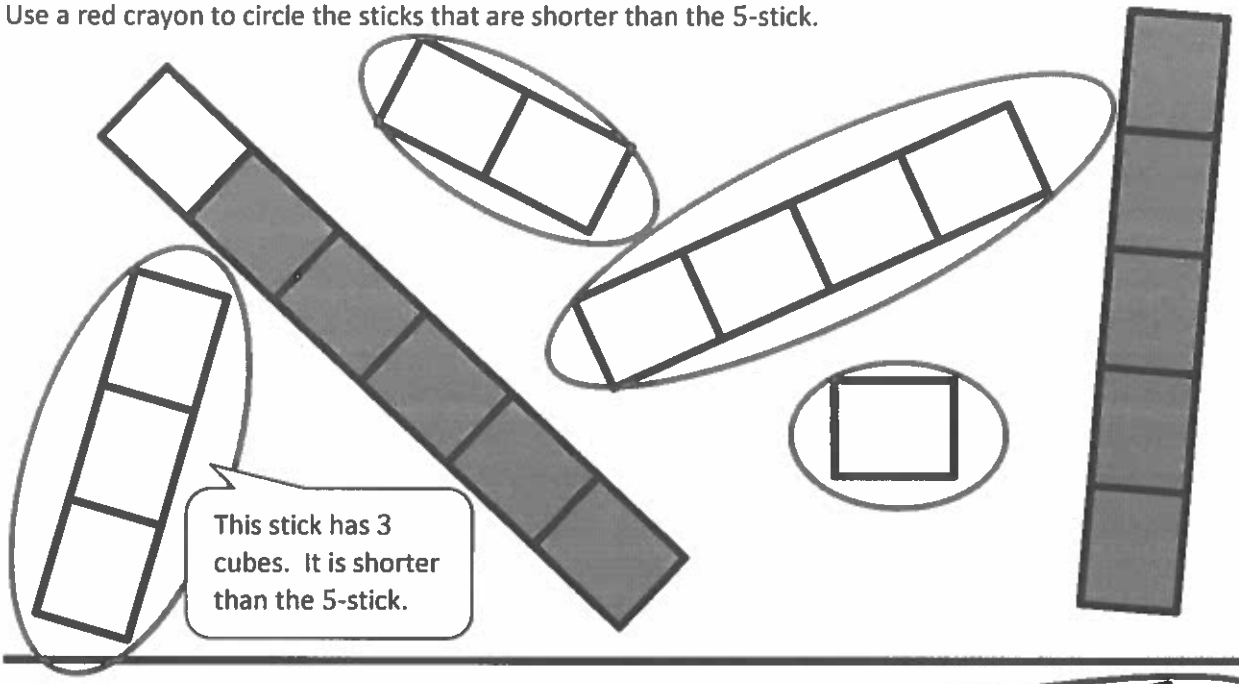
GK-M3-Lesson 4

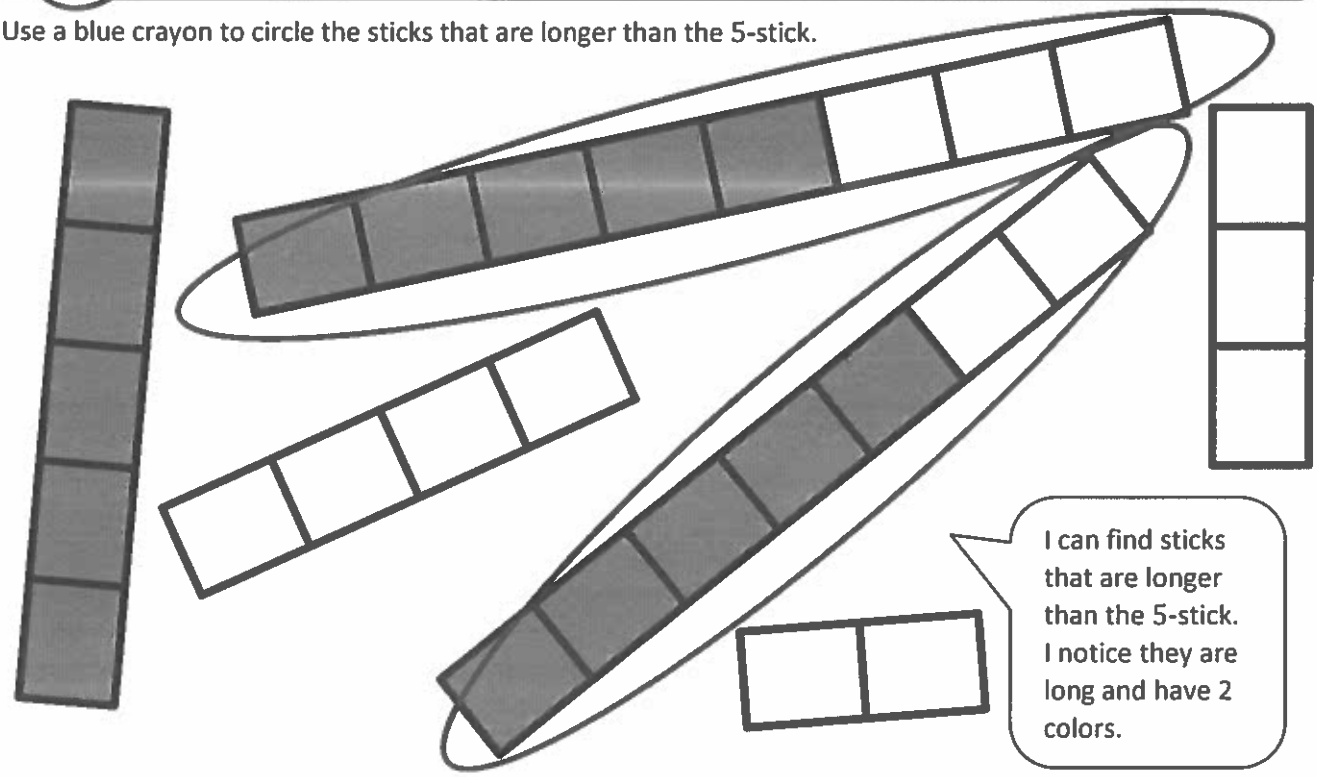
I count 5 cubes on this 5-stick.

Use a red crayon to circle the sticks that are shorter than the 5-stick.



This stick has 3 cubes. It is shorter than the 5-stick.

Use a blue crayon to circle the sticks that are longer than the 5-stick.



I can find sticks that are longer than the 5-stick. I notice they are long and have 2 colors.

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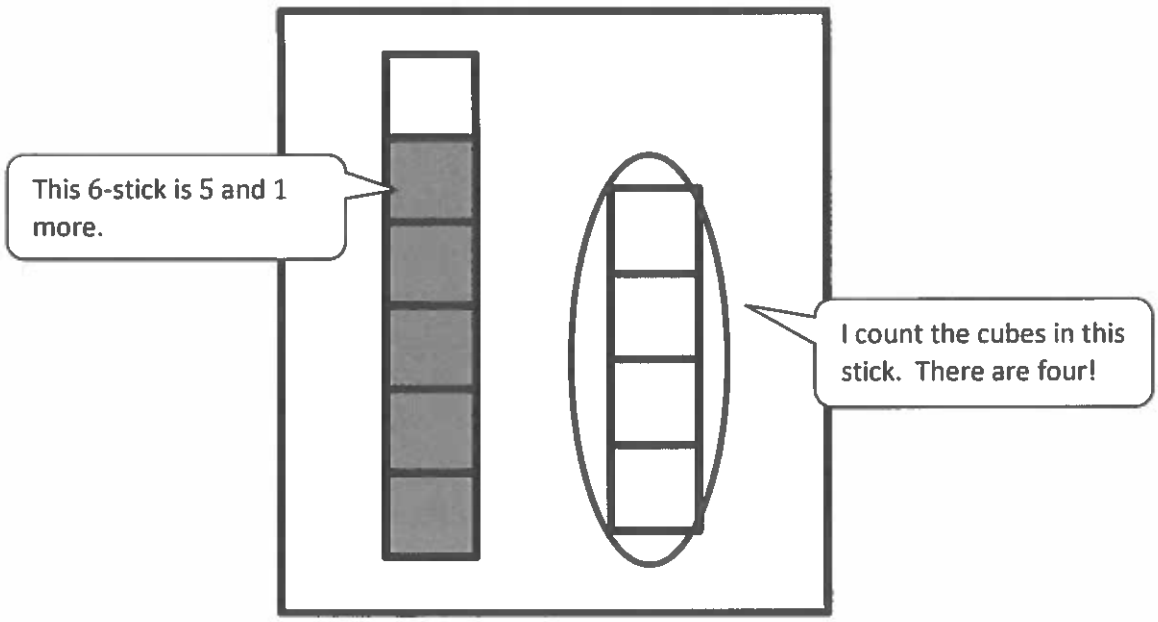
GK-M3-Lesson 5

Circle the stick that is shorter than the other.



My 4 -stick is shorter than my 6 -stick.

My 6 -stick is longer than my 4 -stick.

I can compare using my new math words *shorter than* and *longer than*.

Draw a stick that is between a 3-stick and a 5-stick.

Draw a stick that is longer than your new stick.

My 7-stick is longer than my 4-stick!

Draw a stick that is shorter than your new stick.

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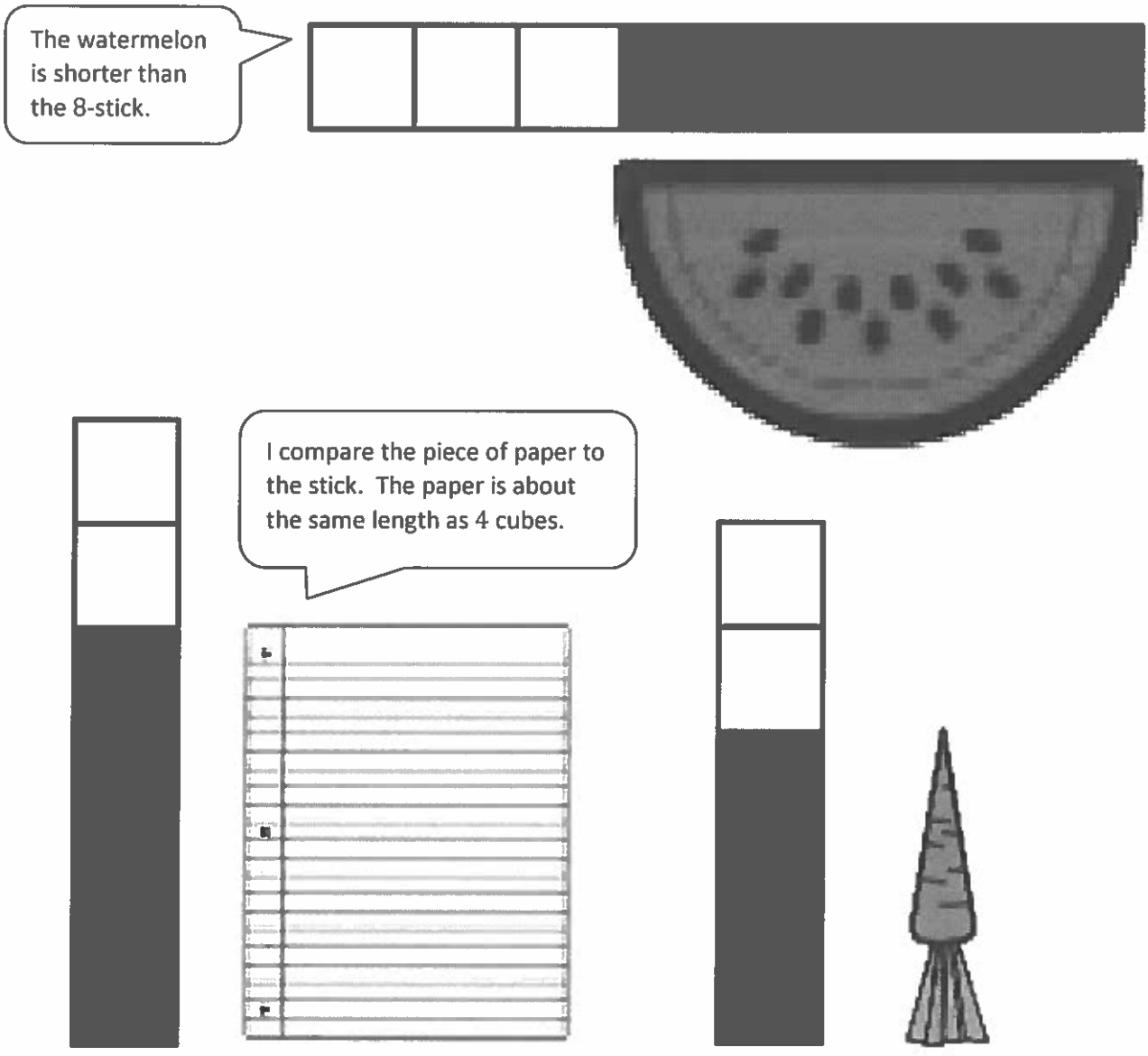
GK-M3-Lesson 6

Color the cubes to show the length of the object.



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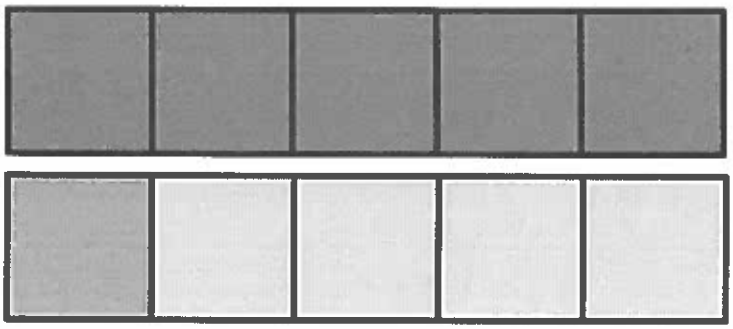
GK-M3-Lesson 7

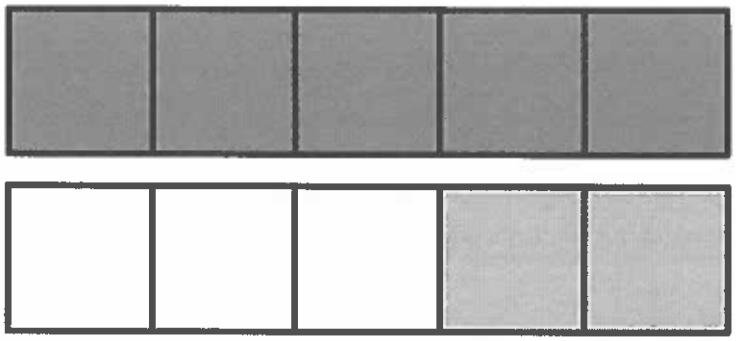
These boxes represent cubes.



This is a 5-stick. I can compare to see that 1 and 4 is the same as 5.

Color 1 cube green. Color 4 cubes red.

Together, my green 1-stick and red 4-stick are the same length as 5 cubes.



I put the 3-stick and the 2-stick together to make a 5-stick!

Color 3 cubes yellow. Color 2 cubes blue.

How many cubes did you color? 5

Together, my 3 cubes and 2 cubes are the same length as 5 cubes.

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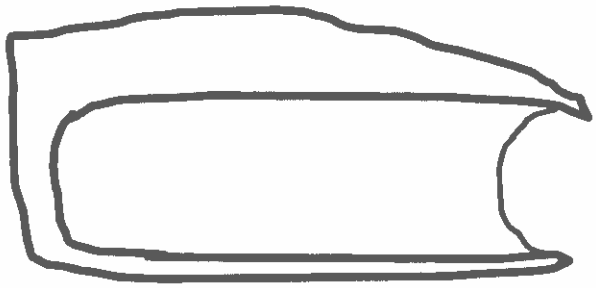
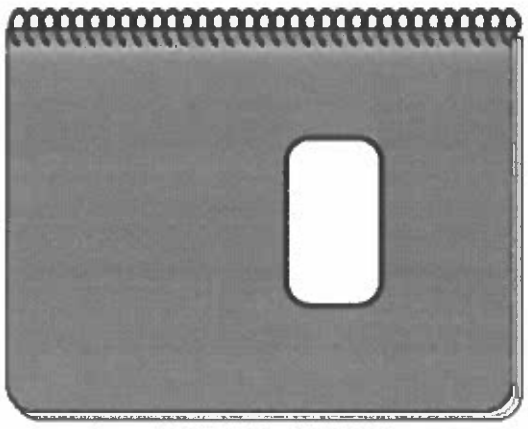
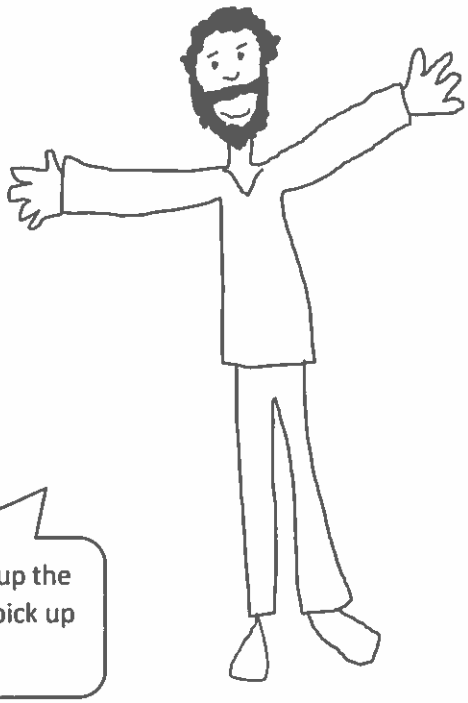
GK-M3-Lesson 8

Draw an object that would be heavier than the one in the picture.



I'd rather carry a pencil in my backpack than a heavy dictionary. The pencil is much lighter!





It's easy for me to pick up the notebook. But, I can't pick up Daddy. He's too heavy.

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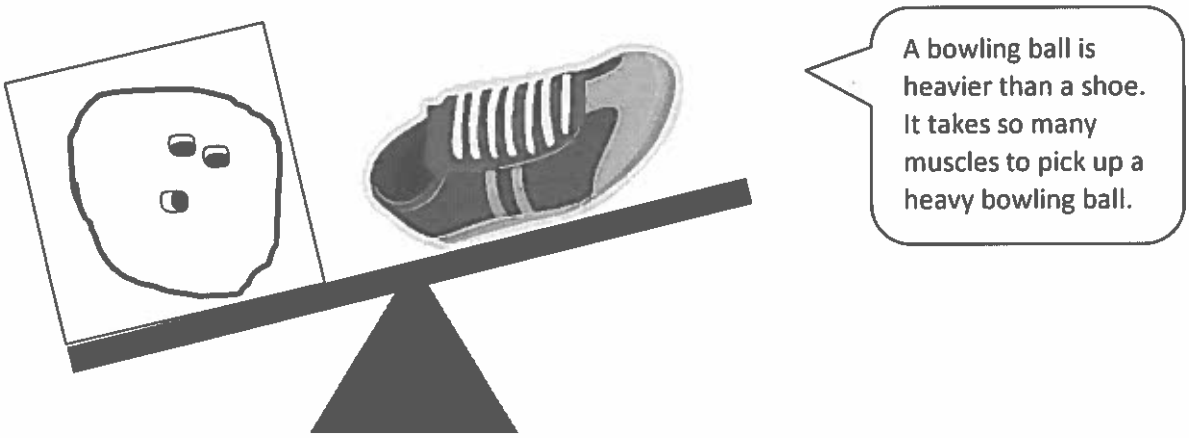
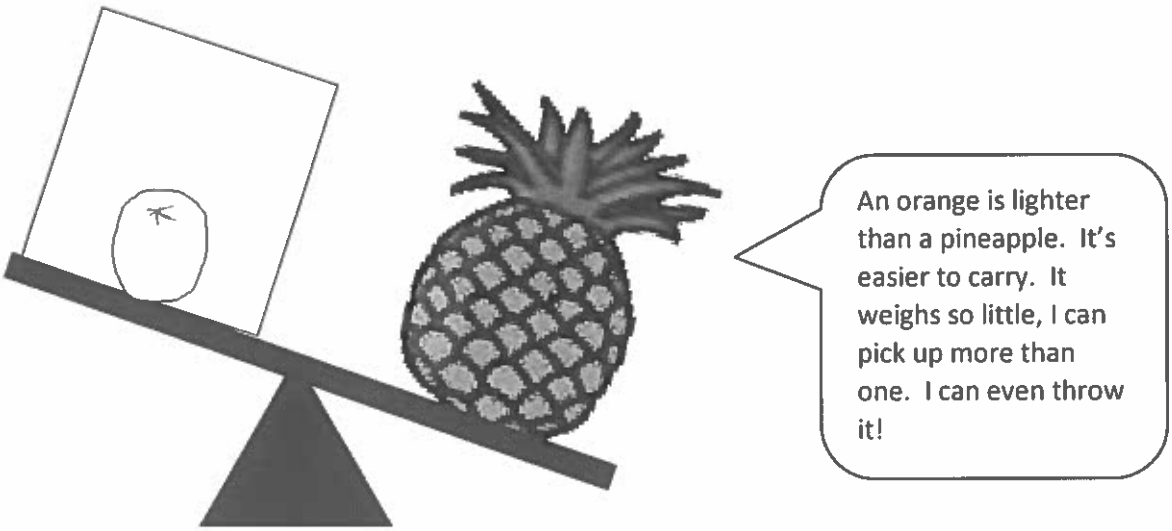
GK-M3-Lesson 9

Draw something inside the box that is heavier than the object on the balance.



Draw something lighter than the object on the balance.



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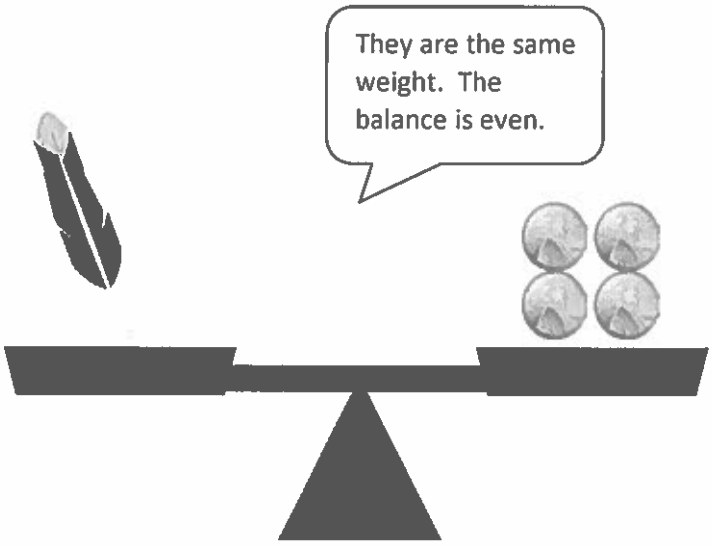
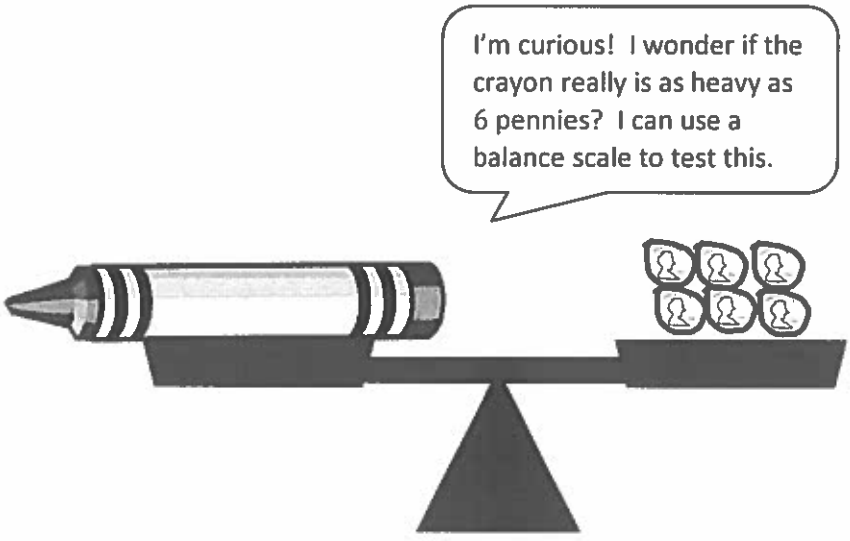
GK-M3-Lesson 10



The feather is as heavy as _____ pennies.



Draw in the pennies so that the crayon is as heavy as 6 pennies.

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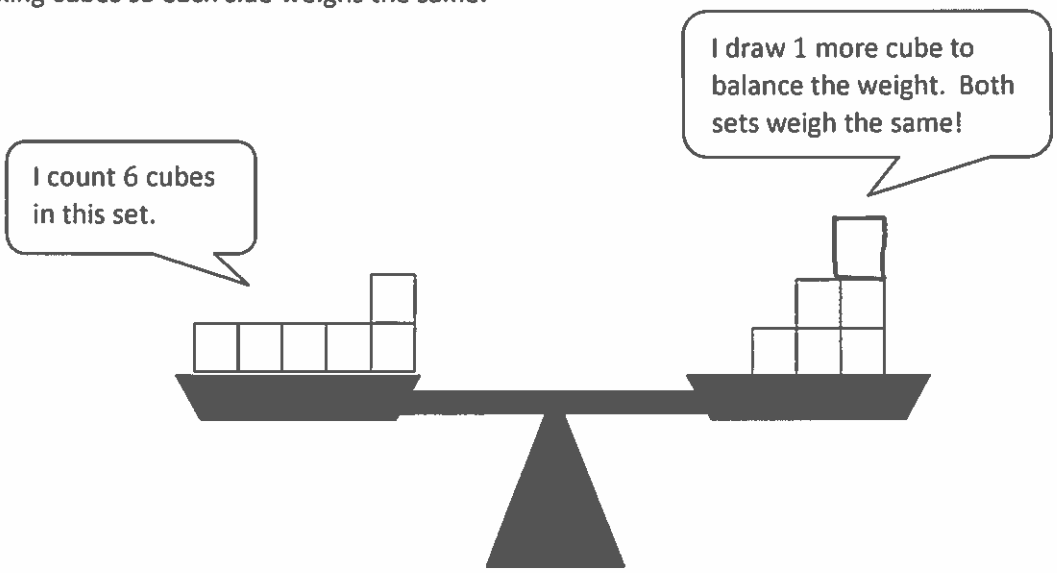
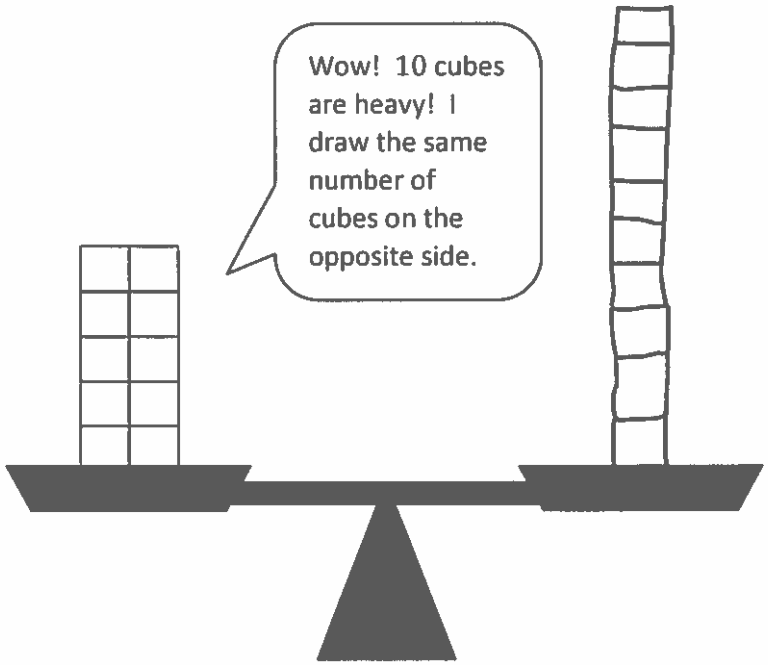
GK-M3-Lesson 11

Draw linking cubes so each side weighs the same.





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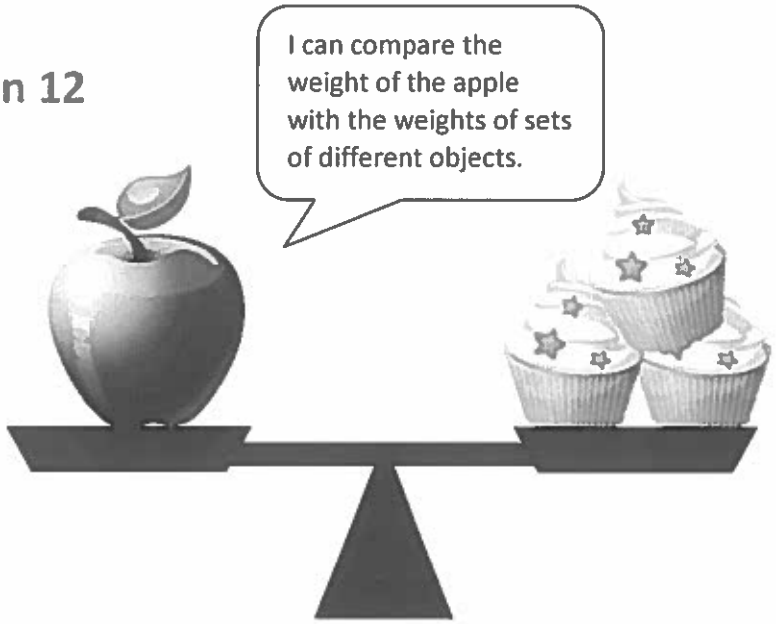
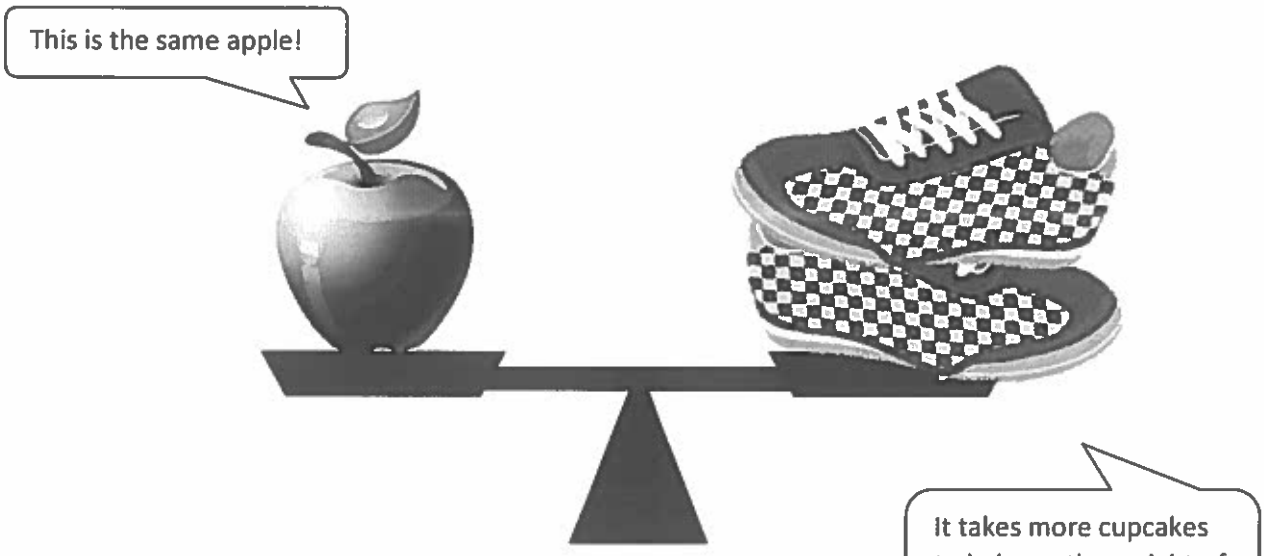
GK-M3-Lesson 12



The apple is as heavy as 3 cupcakes.



The apple is as heavy as 2 sneakers.

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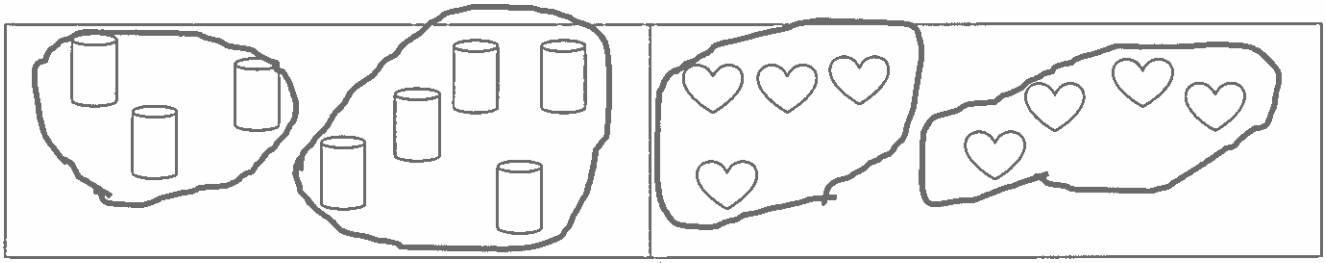
GK-M3-Lesson 13

Each rectangle shows 8 items. Circle two different sets within each. The two sets represent the two parts that make up the 8 objects.



I know that a set of 3 and a set of 5 make 8, and a set of 4 and a set of 4 make 8.

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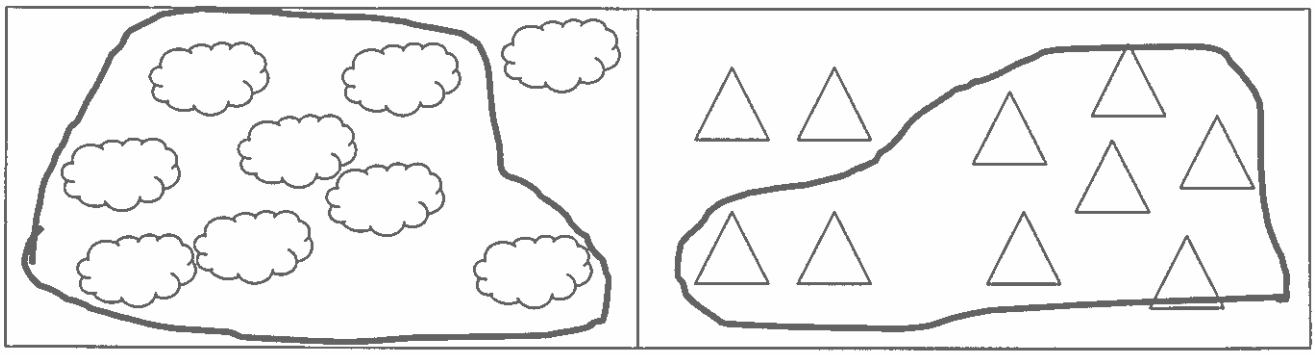
GK-M3-Lesson 14

Within each rectangle, make one set of 8 objects.



There are 9 clouds. I circle 8 of them. It's like 8 is hiding inside of 9.

Here I count 10, and I circle 8 of them.

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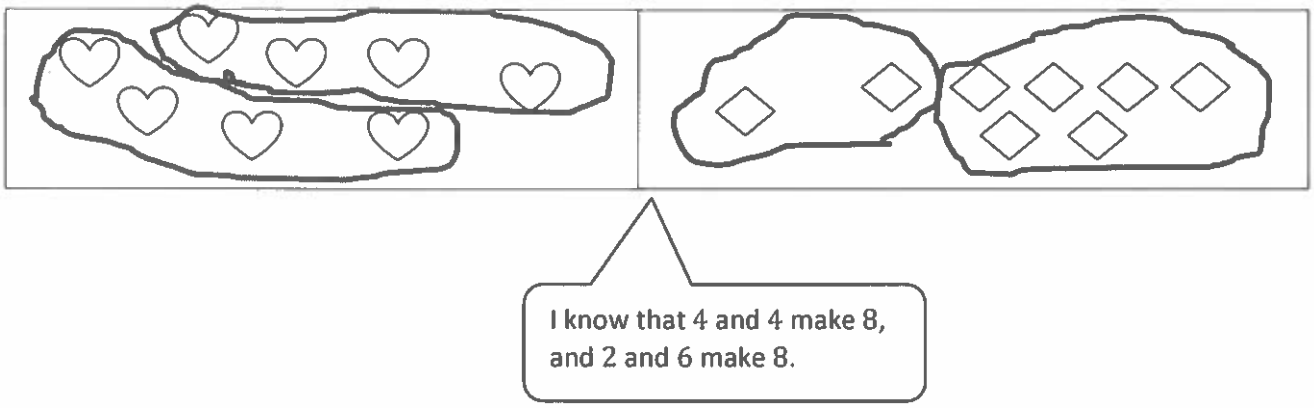
GK-M3-Lesson 15

Circle 2 sets within each set of 8.



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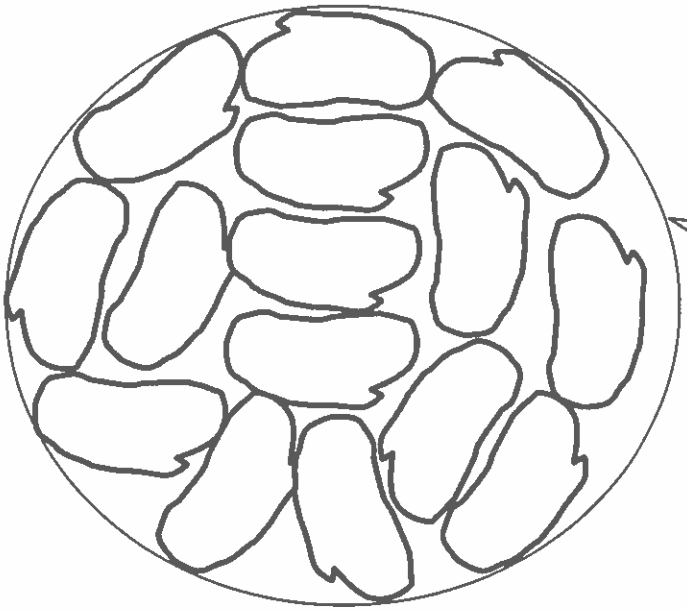
GK-M3-Lesson 16

Cover the shape with beans. Count how many, and write the number in the box.



I can fill the circle with beans and then count to see how many fit. I think it will be a lot because the beans are pretty small!

15 Beans

We've only learned to write numbers to 10 so far. So, I asked a grown up to help me write 15.

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GK-M3-Lesson 17

Draw straight lines with your ruler to see if there are enough flowers for the butterflies.

I can draw a line to connect each butterfly with one flower.

Then I keep going to see if there are enough flowers for every butterfly.

Each butterfly gets one flower! That means there are enough!

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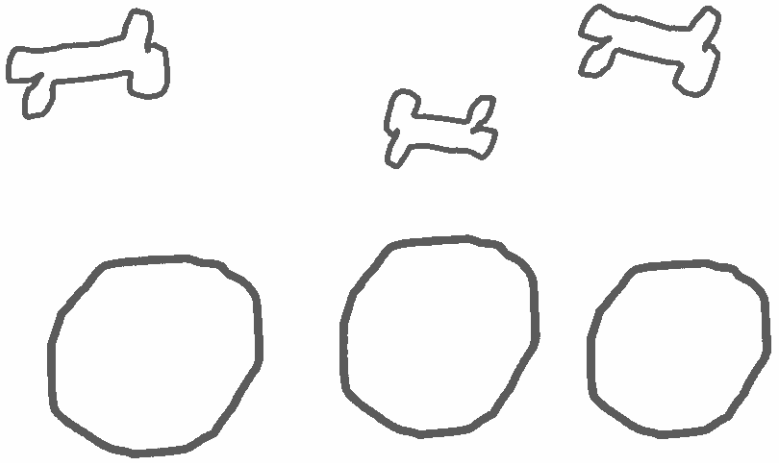
You have 3 dog bones. Draw enough bowls so you can put 1 bone in each bowl.



I can draw 1 bowl for each bone. To help me figure it out, I drew the bones first. There are 3 bones and 3 bowls.

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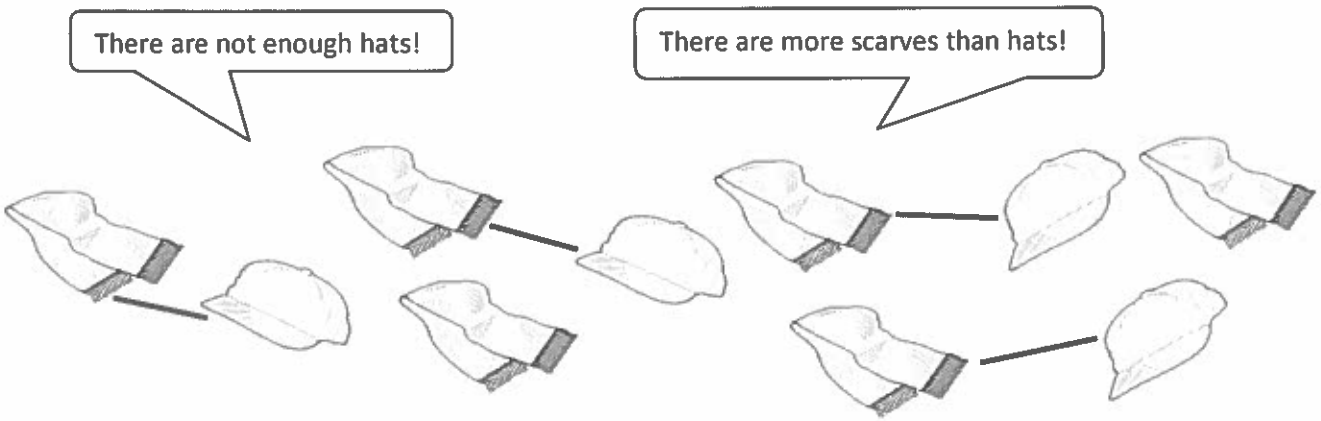
GK-M3-Lesson 18

Draw straight lines with your ruler to see if there are enough hats for the scarves.



Are there more or ?

There were 2 scarves left over!

Write the number of 6 .

These sets are not the same!
There are 4 hats and 6 scarves!

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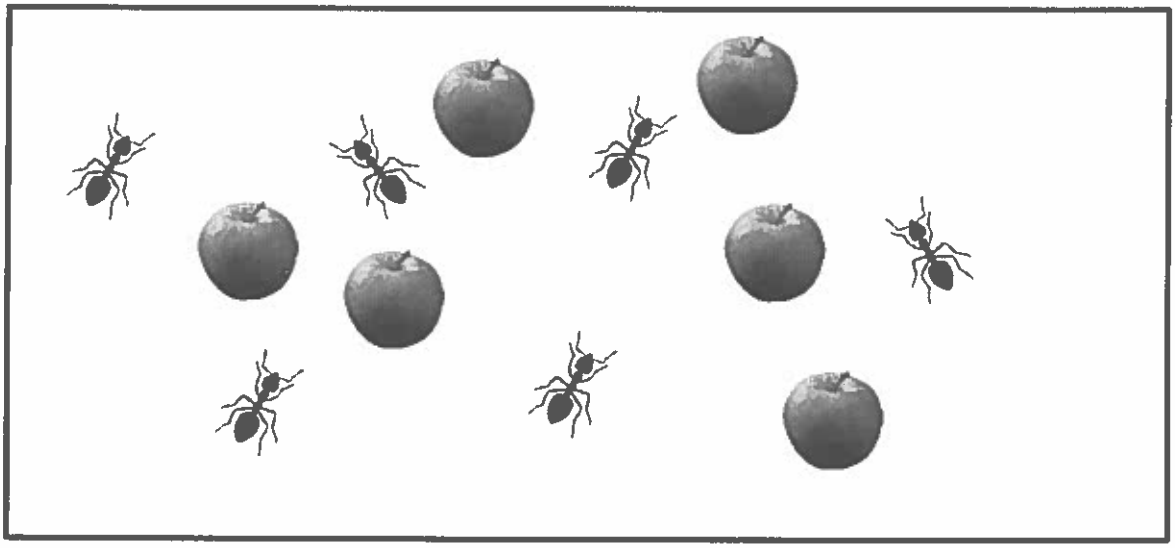

Write the number of . 6

Write the number of . 6

Are there the same number of as ? Circle Yes or No.

There are enough apples for each ant!

First I counted 6 apples. Then I counted 6 ants. These sets are the same!

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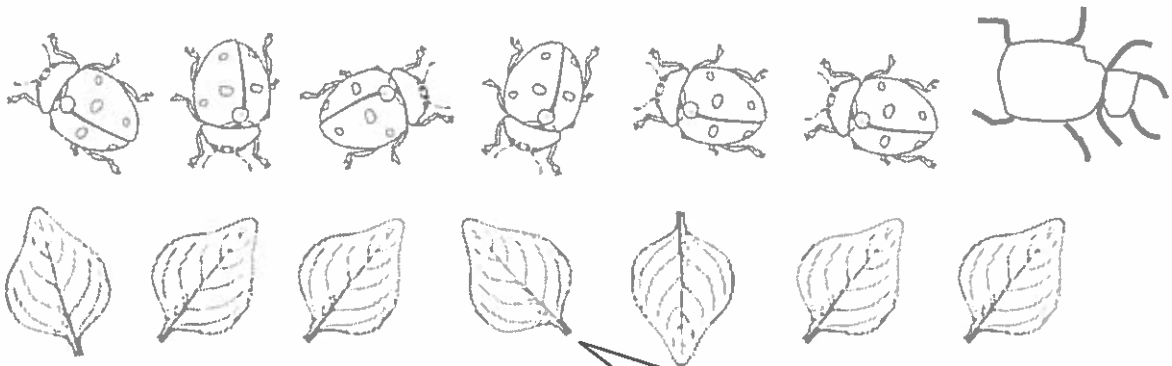
GK-M3-Lesson 19

Draw another bug so there are the same number of bugs as leaves.

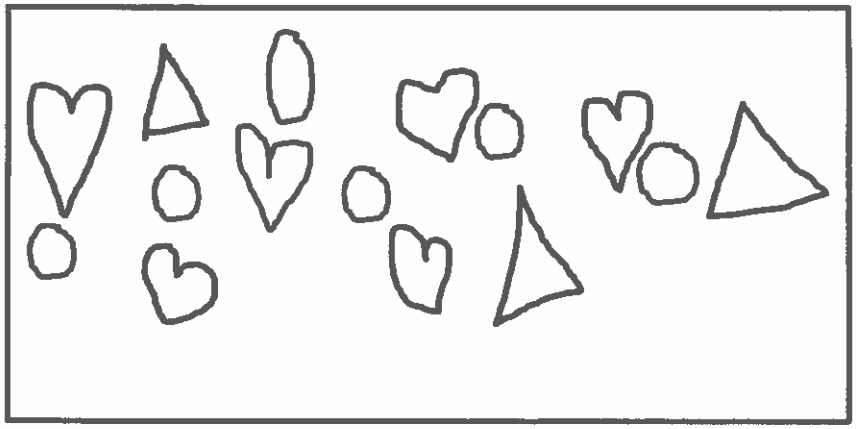


I can draw one more bug so there are the same number of bugs as leaves!

In the box below, draw 6 hearts .

Draw triangles so there are *fewer* triangles than hearts .

Draw circles so there are the *same* number of circles as hearts .



I know I have fewer triangles than hearts because I drew 6 hearts, and I only drew 3 triangles!

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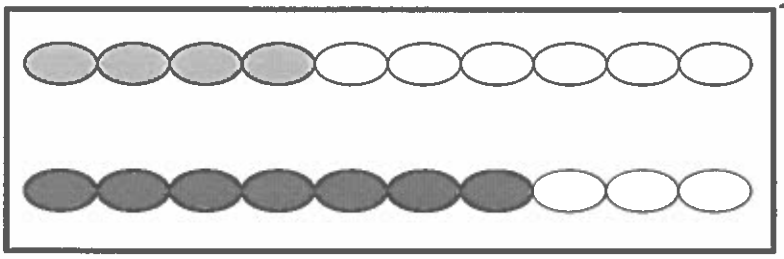
GK-M3-Lesson 20

On the first chain, color the first 4 beads orange.

On the next chain, color more than 4 beads purple.

How many beads did you color purple? Write the number in the box.

I can make a row with more than 4! First I make a row the same size, and then I just color some more to make it longer.



7

7 purple beads is more than 4.

I know that 7 is more than 4 because the purple row of beads is longer!

Draw a chain with more than 5 beads but fewer than 9 beads.

I start by making 5 beads, and then I add more, one at a time. Before I get to 9, I stop. I stopped at 7. 7 is more than 5 but still fewer than 9.

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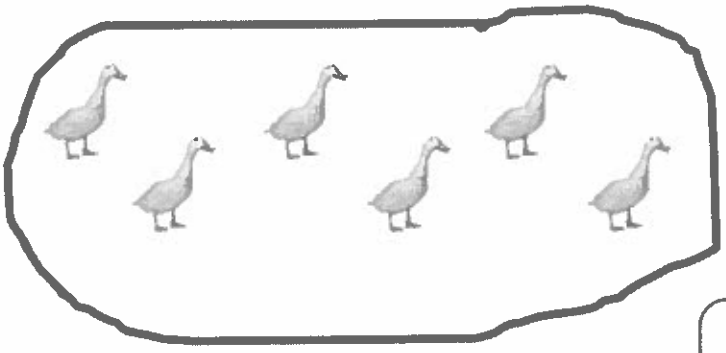
GK-M3-Lesson 21

Which has more? The or

Circle the set that has more.



The set of ducks has more. I know because I count 6 ducks and only 4 bunnies. 6 is more than 4.

Draw a set of 3 kittens. Then draw some puppies. Are there fewer kittens or fewer puppies?

I know there are fewer puppies. I draw the 3 kittens, and then when I draw the puppies, I stop at 2.

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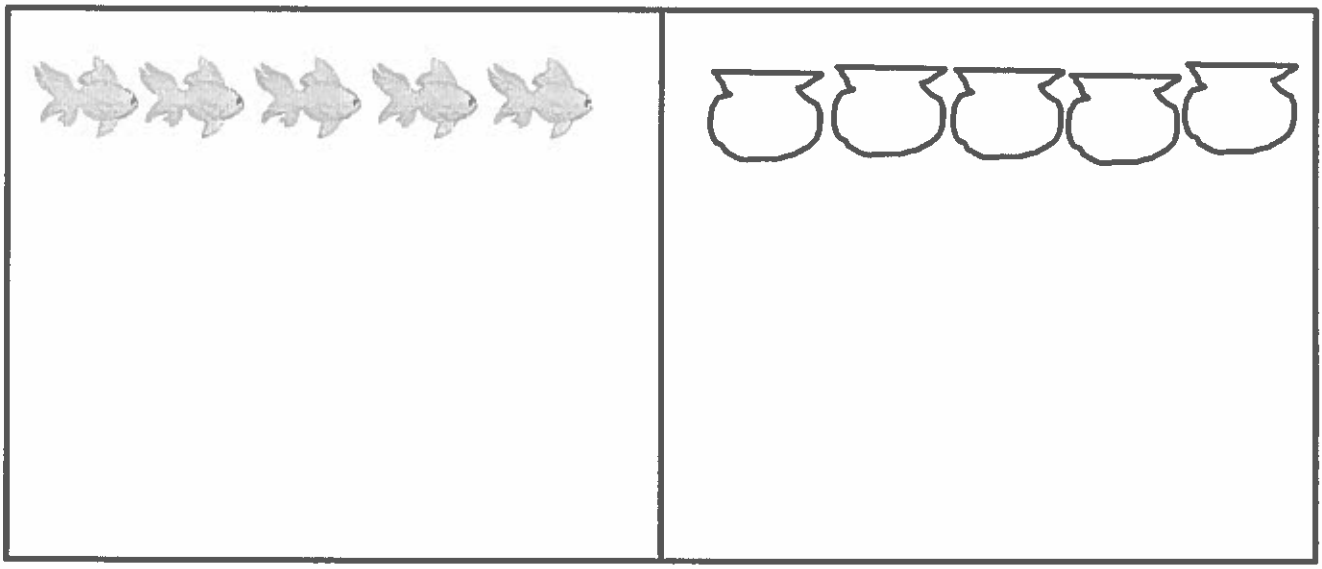
"Rabbit photo credit: Eric Isselee/Shutterstock.com"

GK-M3-Lesson 22

Count the fish. In the next box, draw the same number of bowls as fish.



I count 5 fish. So, I need to draw 5 bowls.

There are the same number of bowls as fish!

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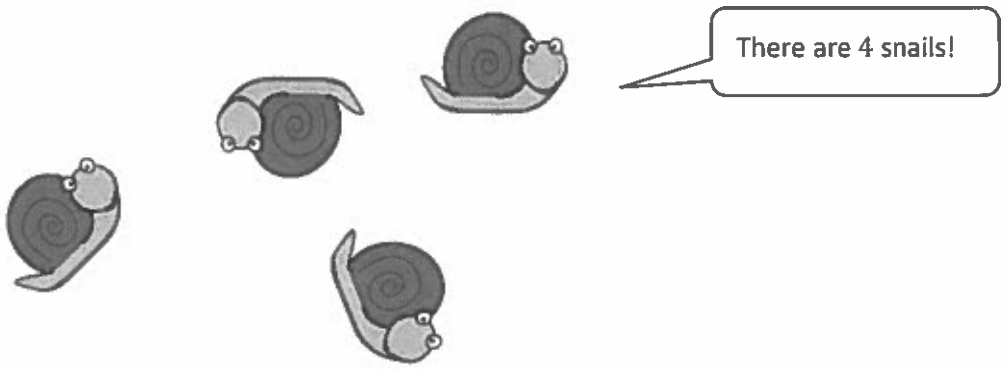
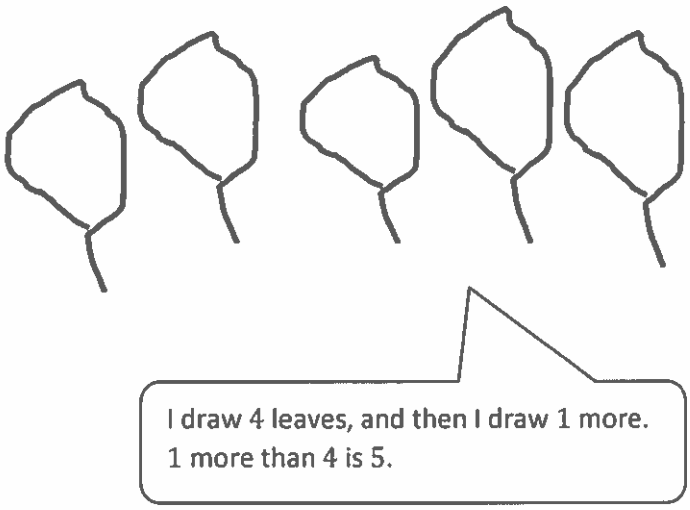
GK-M3-Lesson 23



How many snails? 4

Draw a leaf for every snail and one more leaf.



How many leaves? 5

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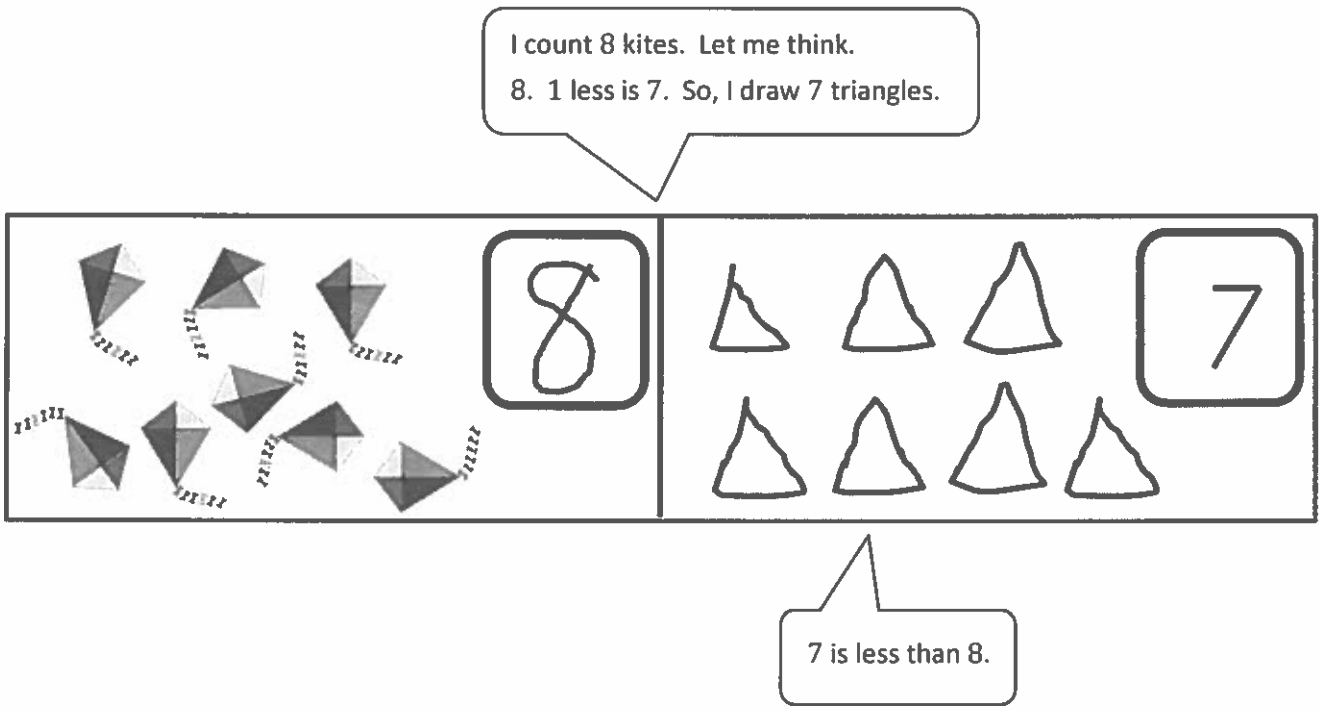
GK-M3-Lesson 24

Count the set of objects, and write how many in the box.

Draw a set of triangles that has 1 less, and write how many in the box. As you work, use your math words *less than*.



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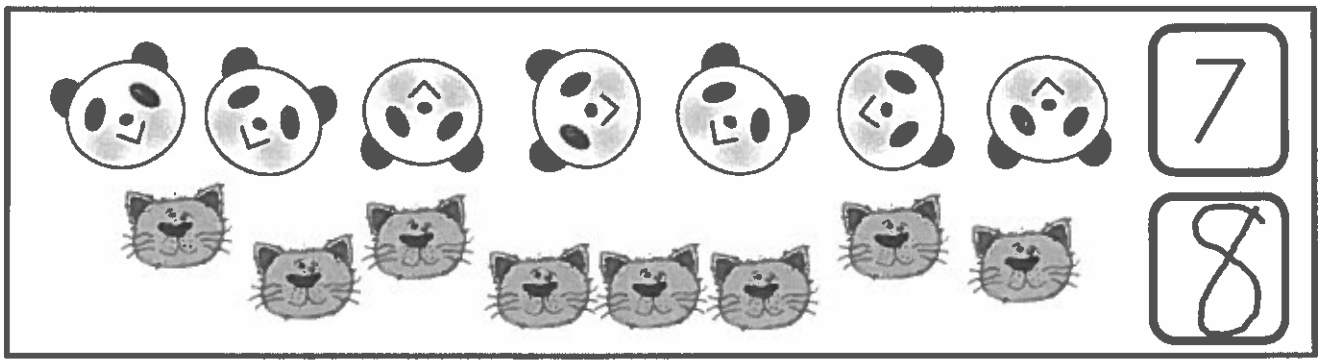
GK-M3-Lesson 25

Count the objects in each line. Write how many in the box. Then, fill in the blanks below. Use the words *more than* to compare the numbers.



8 is more than 7.

I can see that there is 1 more cat! Then I counted 7 pandas and 8 cats.

8 is more than 7.

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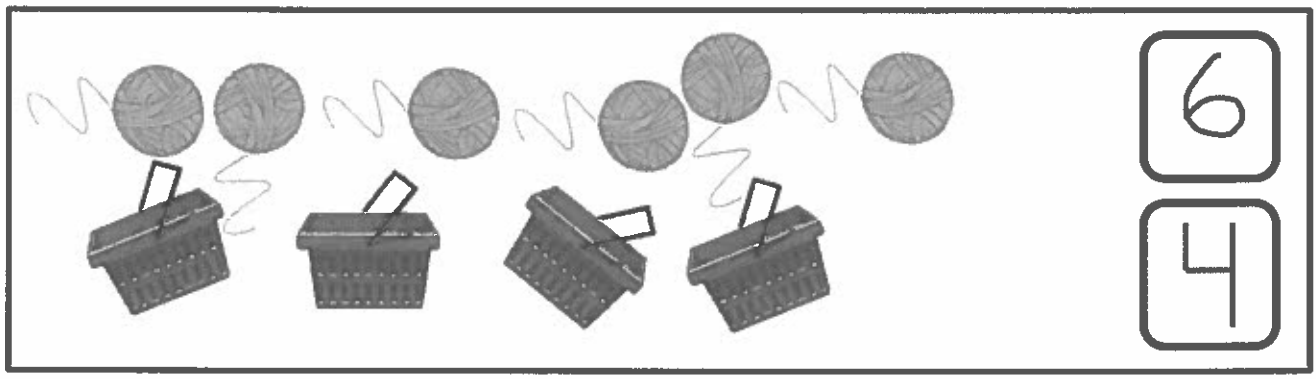
GK-M3-Lesson 26

Count the objects in each line. Write how many in the box. Then, fill in the blanks below. Say your words *less than* out loud as you work.



4 is less than 6.

4 is less than 6. If I tried to put each ball of yarn into a basket, I would have some left over!

There are not enough baskets for each ball of yarn to have a partner!

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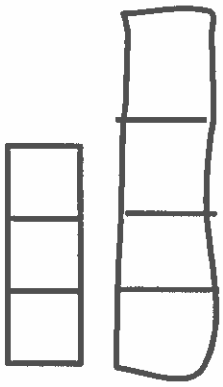
GK-M3-Lesson 27

Draw a tower with more cubes.

4 is more than 3.

3 is less than 4.

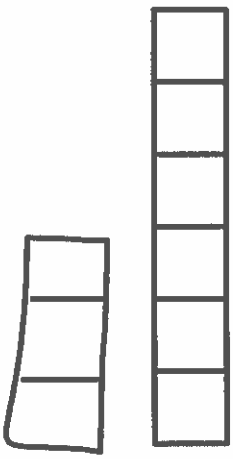


I can make a tower with more cubes. I just make it taller! The first tower has 3 cubes, so I made a tower with 1 more. My tower has 4 cubes.

Draw a tower with fewer cubes.

6 is more than 3.

3 is less than 6.



I can make a tower with fewer cubes. I just make it shorter! The first tower has 6 cubes, so I made mine with only 3 cubes. 3 is less than 6.

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GK-M3-Lesson 28

Visualize the number in Set A and Set B. Write the number in the sentences.

Set A

Set B

6 is more than 3.

3 is less than 6.

I can see 6 in my head. 6 is more than 1 hand. 3 is less than 1 hand. 6 is more than 3.

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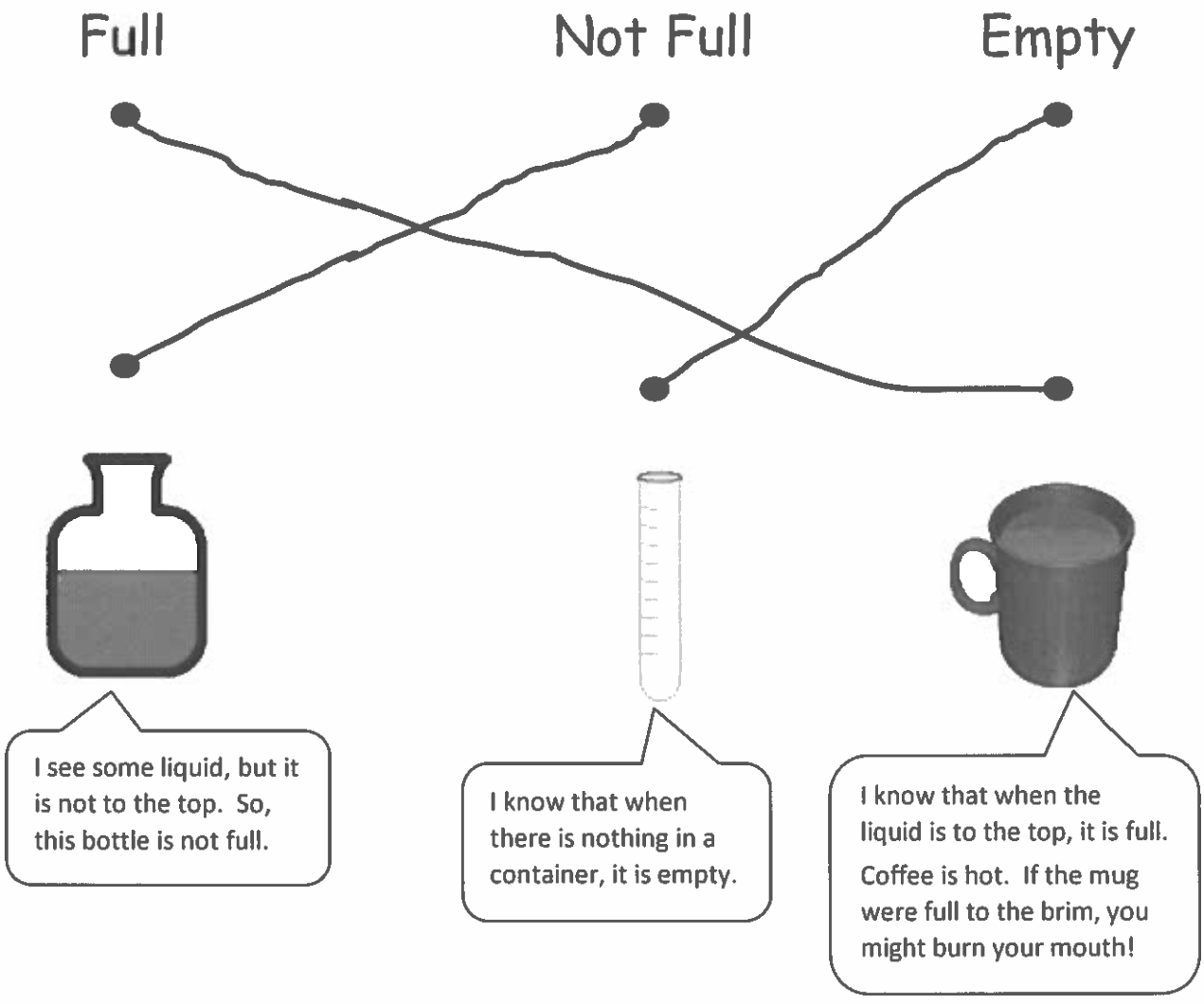
GK-M3-Lesson 29

Draw a line from each container to the word that describes the amount of liquid the container is holding.



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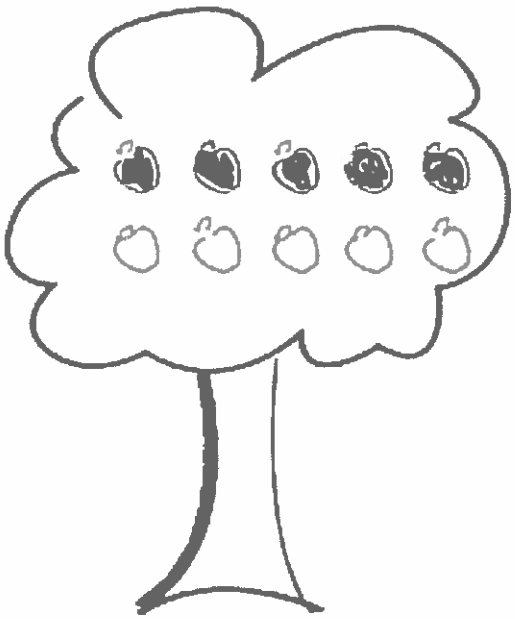
GK-M3-Lesson 30

Color 5 apples.



I colored 5 apples.

I need to color 5 more to make 10.

There are 10 apples in all.
I color 5 of them.
I can count the rest to see how many more to make 10.

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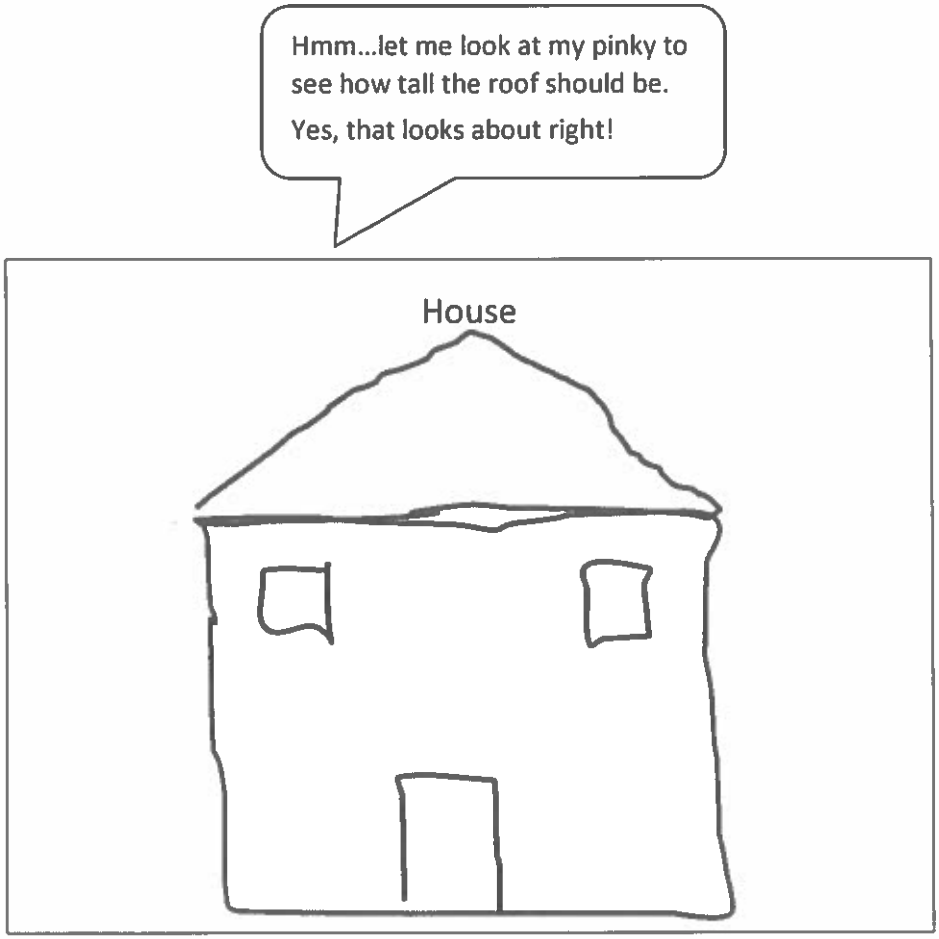
GK-M3-Lesson 31

Read the following directions to your child to make a house:

- Draw a square as wide as a fork.
- Draw a triangle on top of the square as tall as your pinky for the roof.
- Draw a rectangle as long as your thumb for the door.
- Draw 2 square windows each as long as a fingernail.



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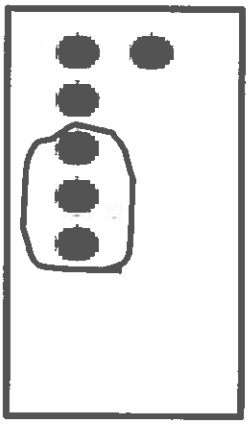
GK-M3-Lesson 32

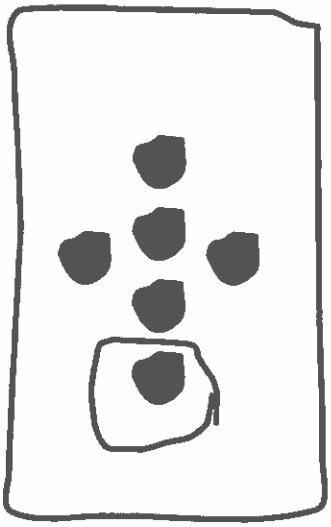
Circle groups of dots. Then, fill in the blanks to make a number sentence.



3 dots are circled.
The other 3 are not.
I count 6 dots in all.

3 and 3 is 6.

Make your own 6-dot card. Circle some dots, and then say, "_____ and _____ is _____."



1 and 5 is 6.

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