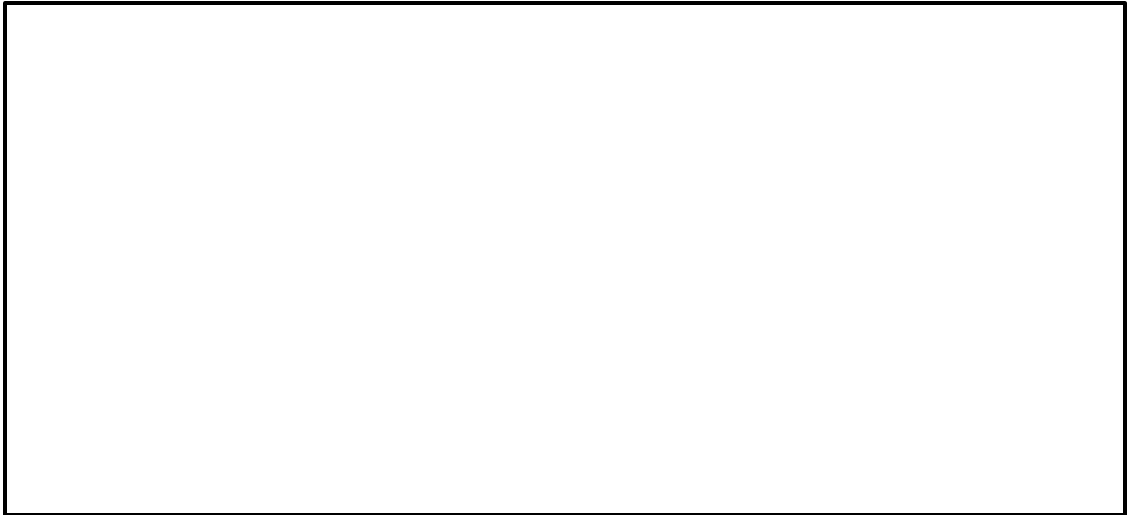Show how can you use addition to help solve this multiplication number sentence: 3x7. Explain your work.
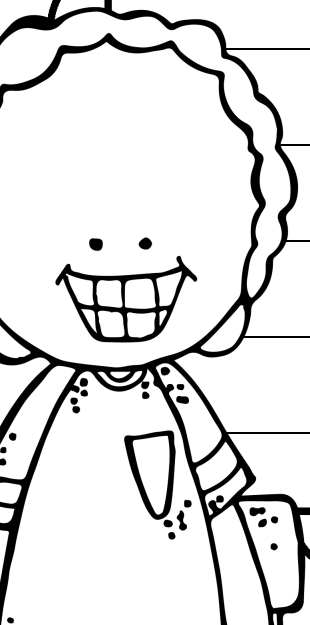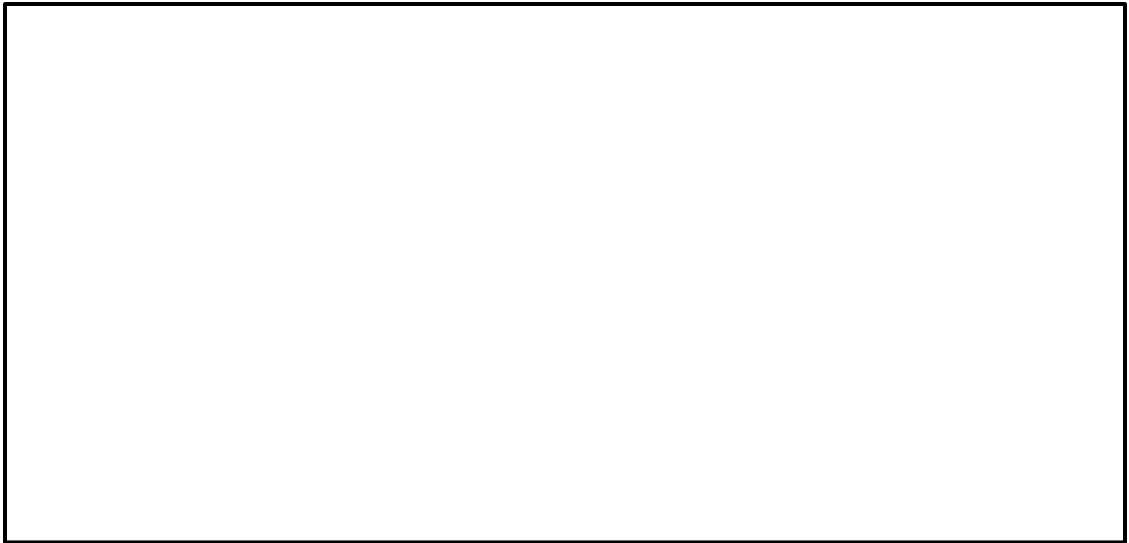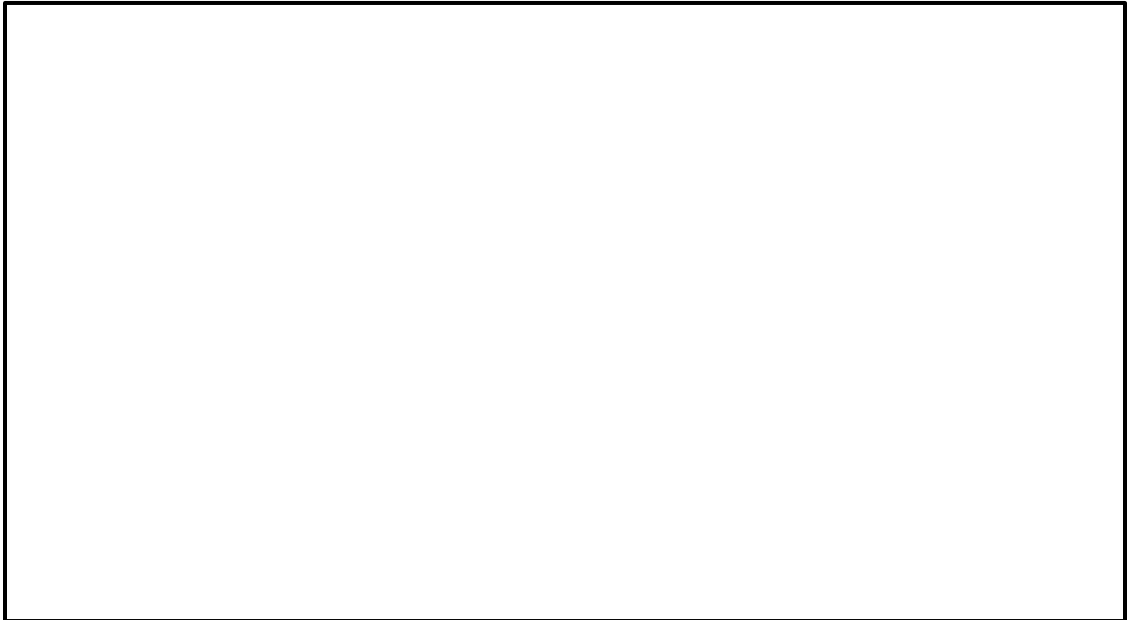
There were 8 groups of kids playing baseball. Each group had 9 kids. What operation would you use to determine how many kids were playing baseball? Explain how you know and solve.
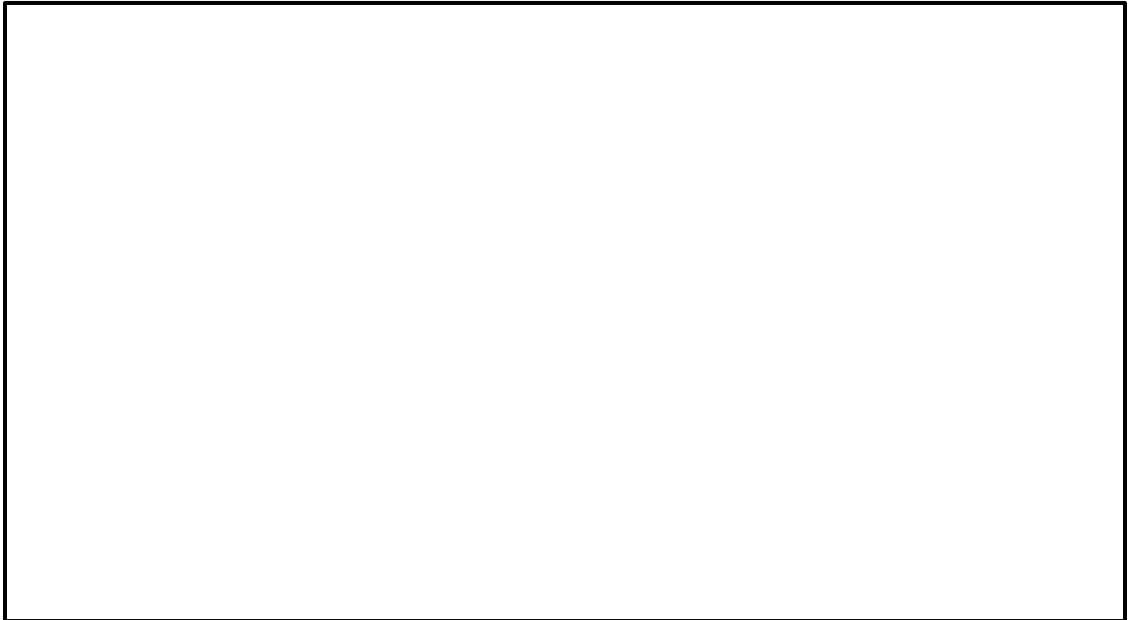
Fred divided 24 cookies into 4 boxes.
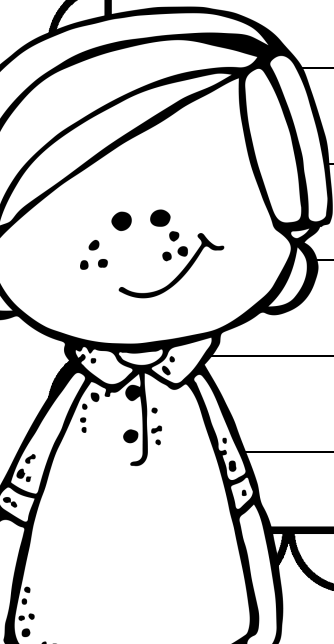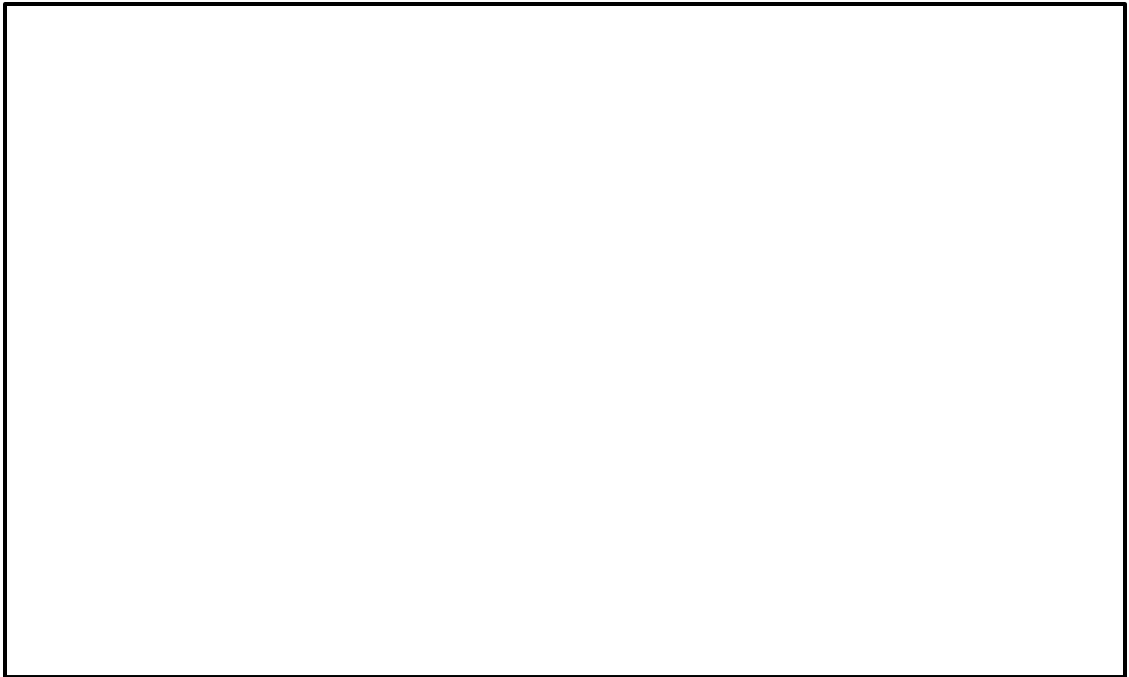
How many cookies were in each box?

How do you know?

Write a word problem that you would use division to solve for.
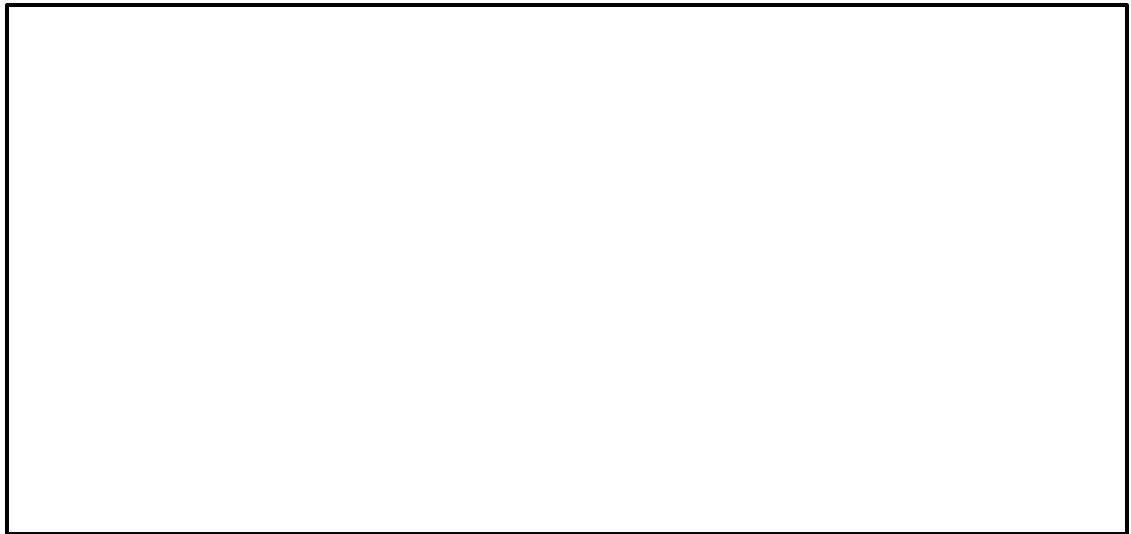
Hint: Start by thinking of a multiplication fact.

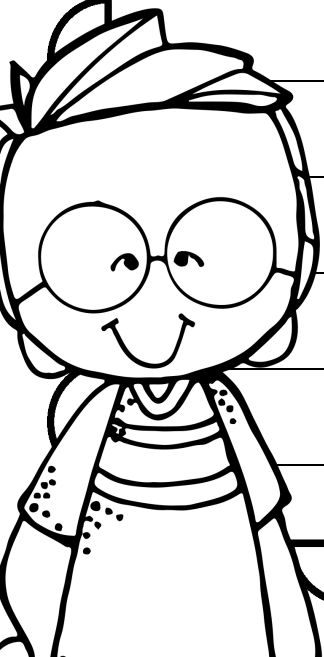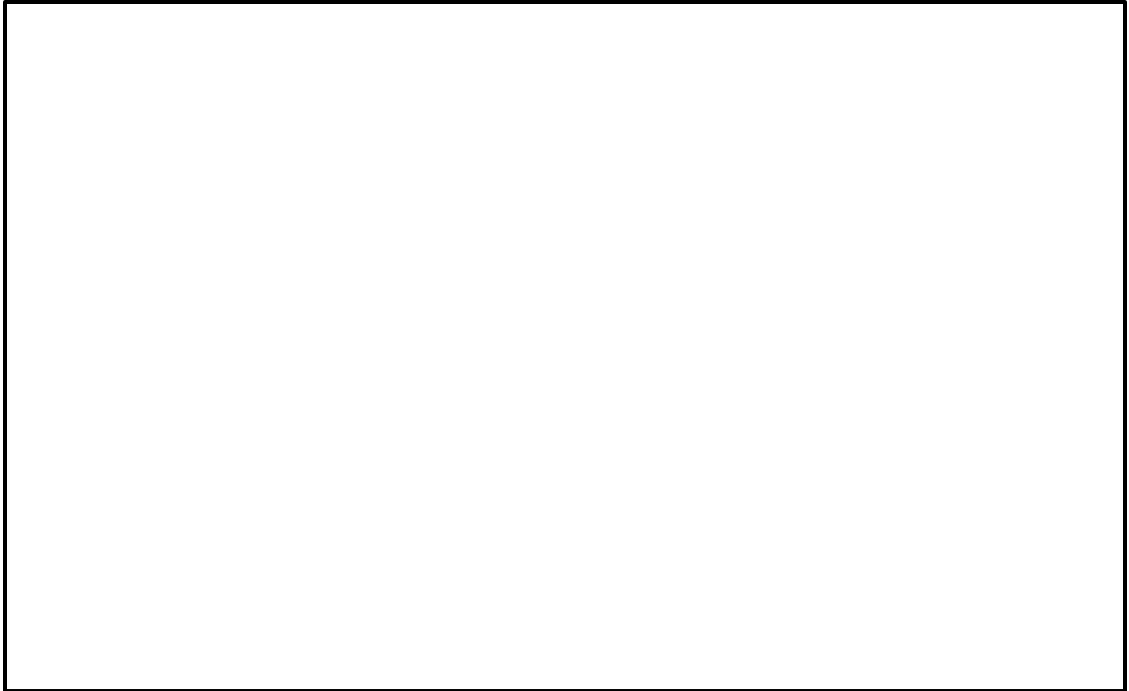Draw a picture to solve 3x4. Explain how your picture helped you to solve the problem.

Each table in the cafeteria can seat nine students. If there are 63 students, how many tables will the school need to put in the cafeteria so that everyone has a seat? What steps did you use to solve the problem?
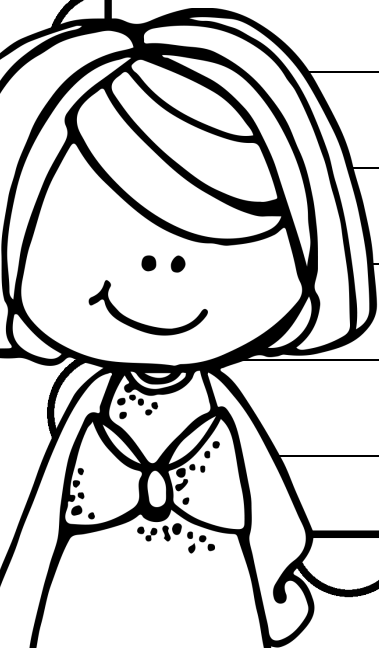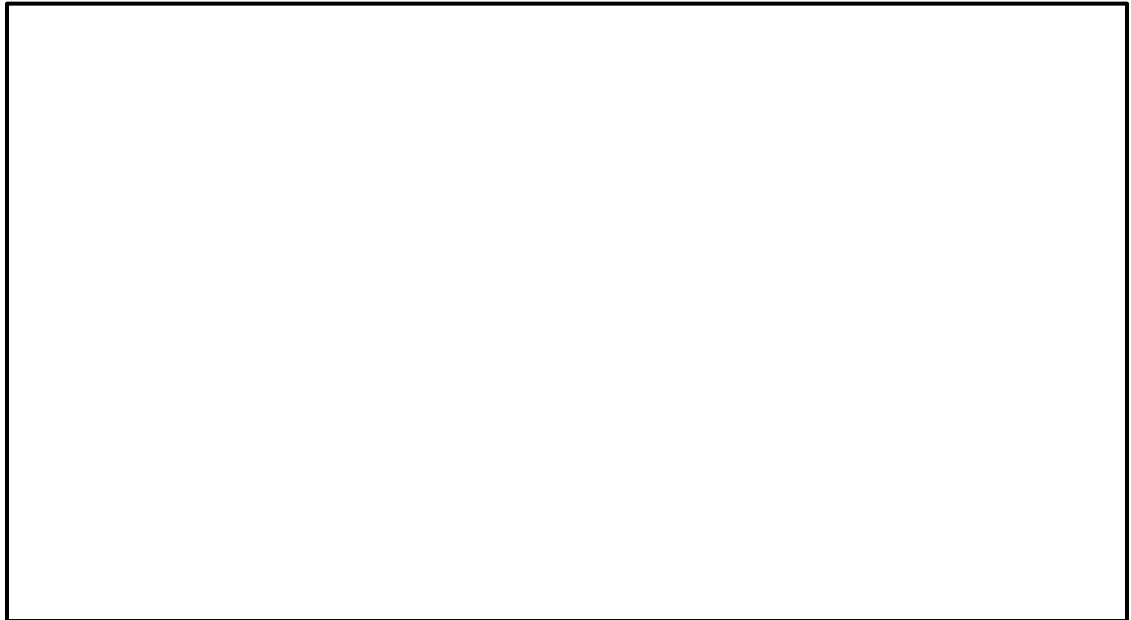
The answer is 16 eggs.

Write the problem and solve it.

Kim will be staying at her grandma's house over the summer for 63 days. How many weeks will she be at her grandma's house? How do you know?
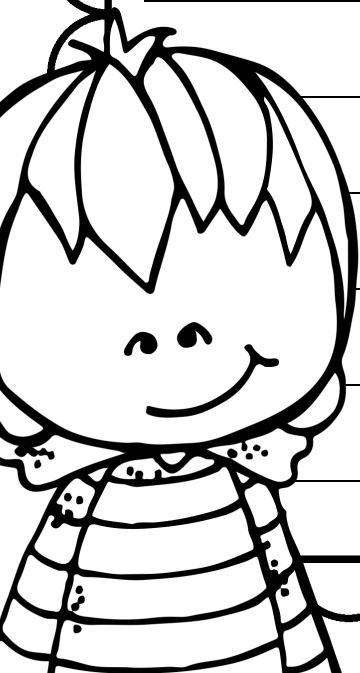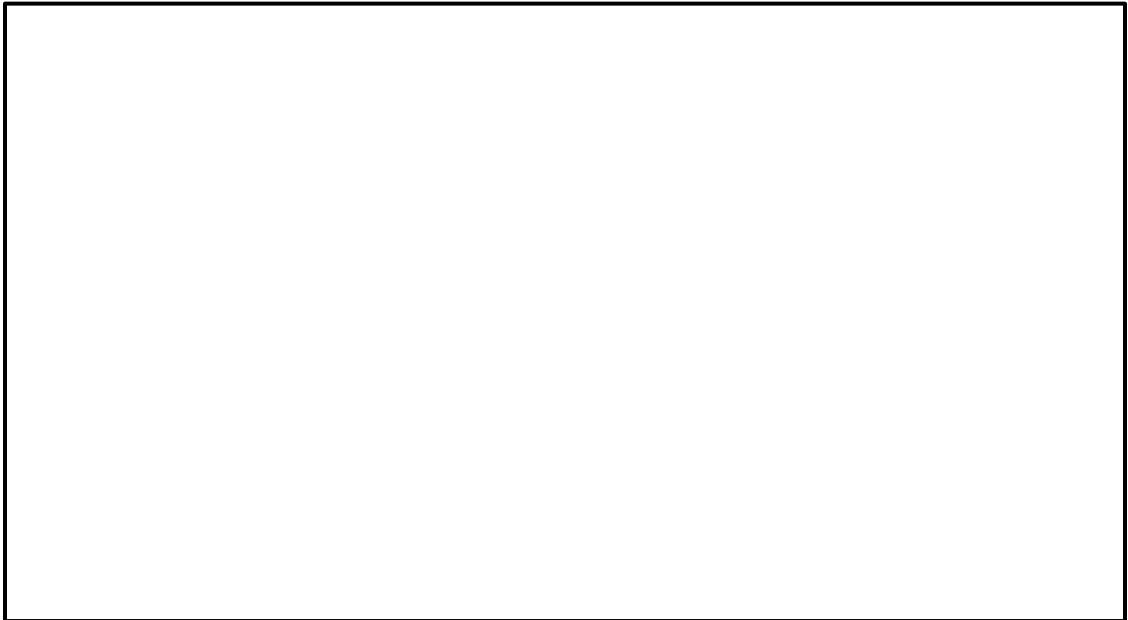
What property of multiplication is this an example of?

3x6=6x3

How do you know?

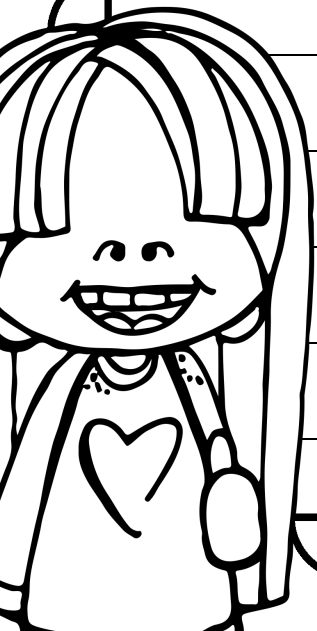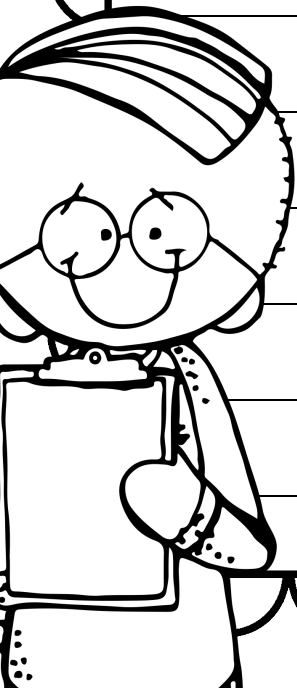What property of multiplication is this an example of?

3x(4x2) = (3x4)x2
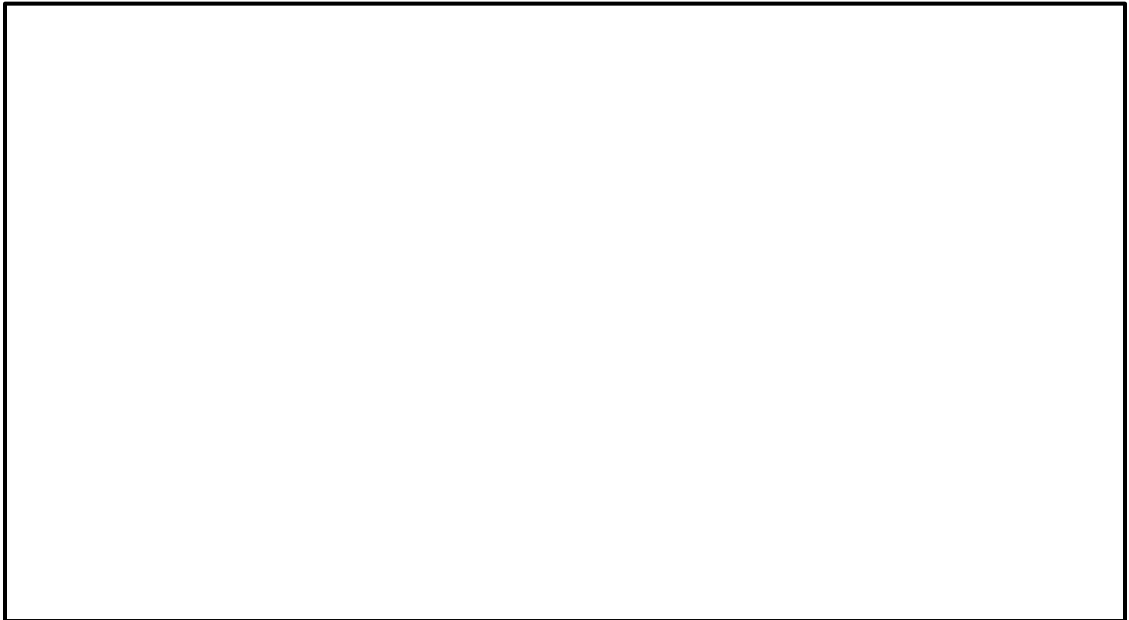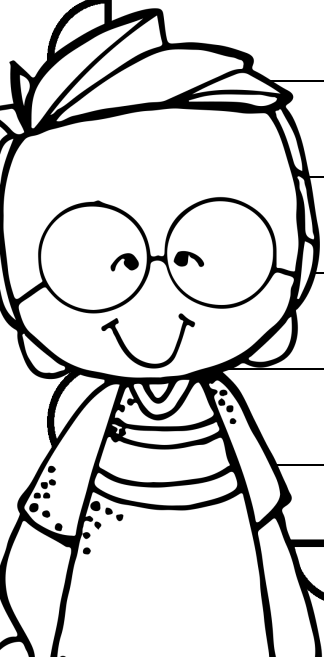
How do you know?
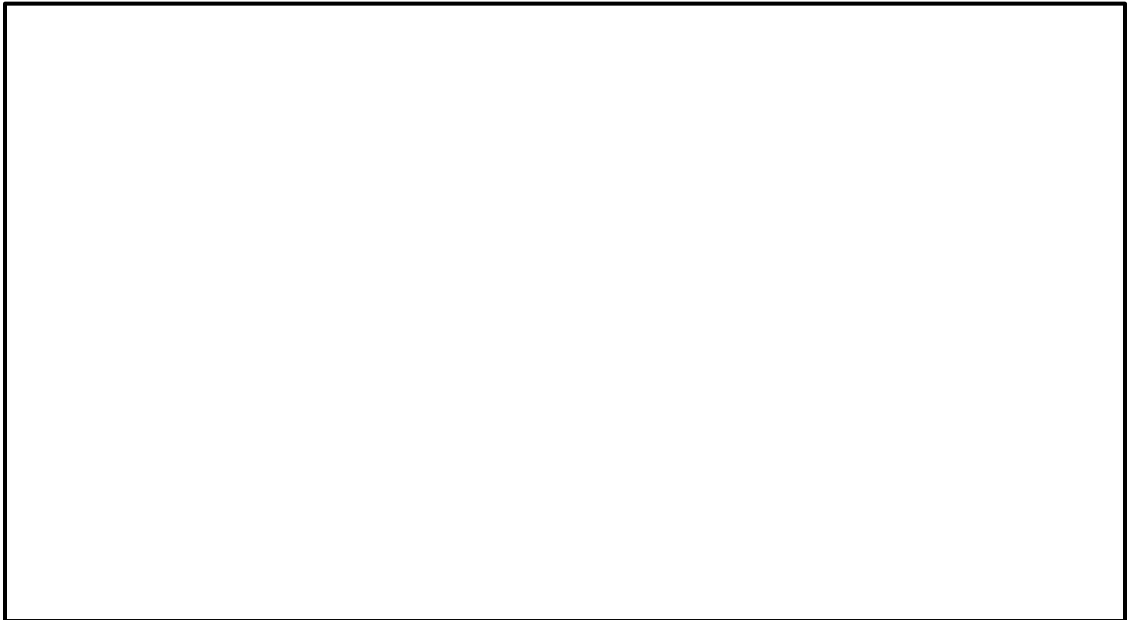
How can you use multiplication to help you solve for a division problem?

Explain your answer and give an example.
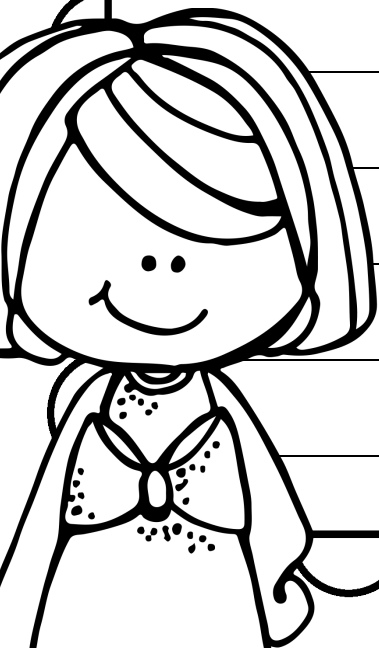
How does learning your doubles addition facts help you to learn your times two multiplication facts?

Draw your own in-and-out table using the rule "multiply by 9." How did you know what numbers to use? Is there a pattern?
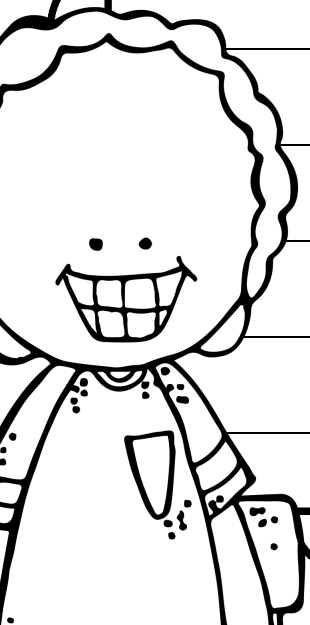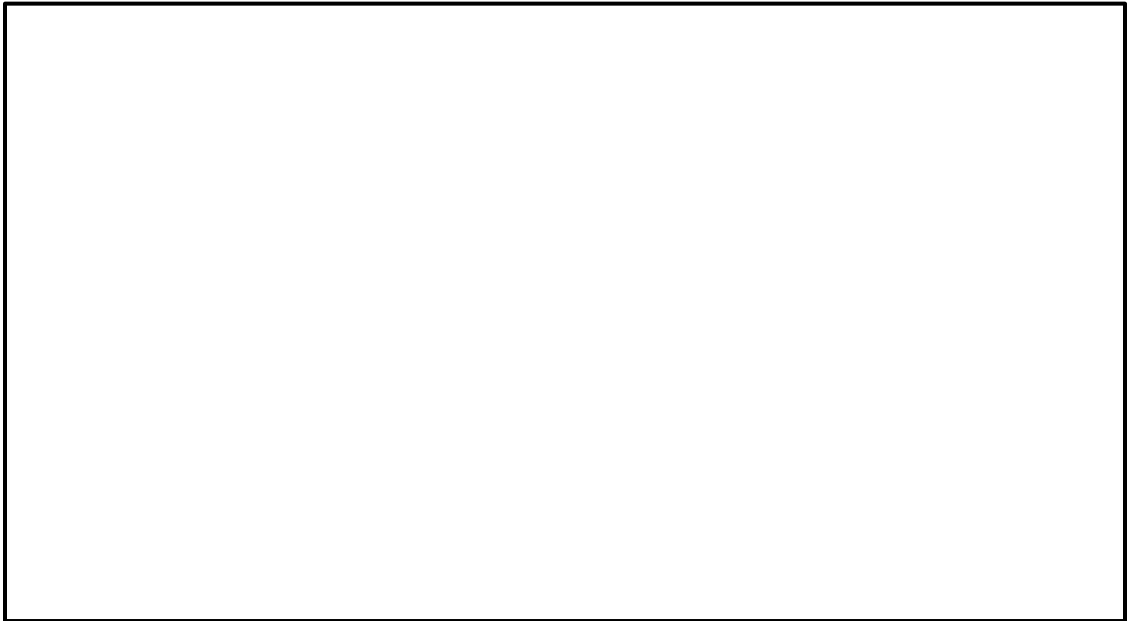
In					
Out					

_____

_____

_____

_____

_____

_____

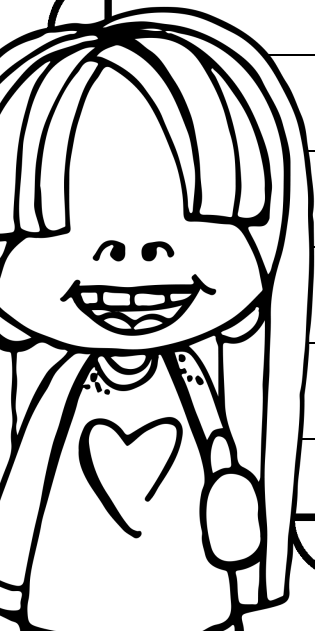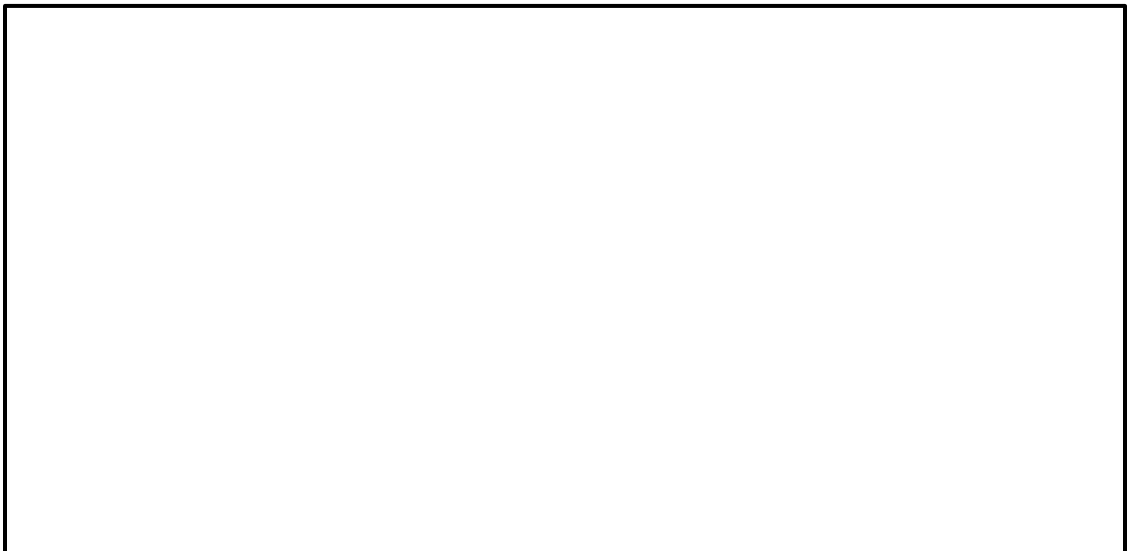I am a two-digit number between 30 and 40.

I am a multiple of 4, 6, and 9.

What number am I? How do you know?

Sandy had $5.00. She bought a candy bar for 75 cents. Then she bought a glass of lemonade for 50 cents. How much money does she have now? How do you know?
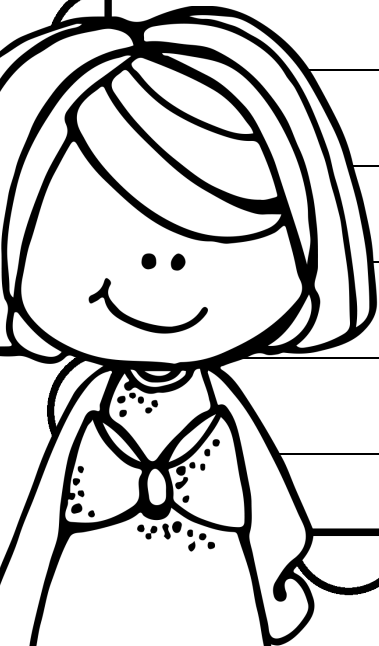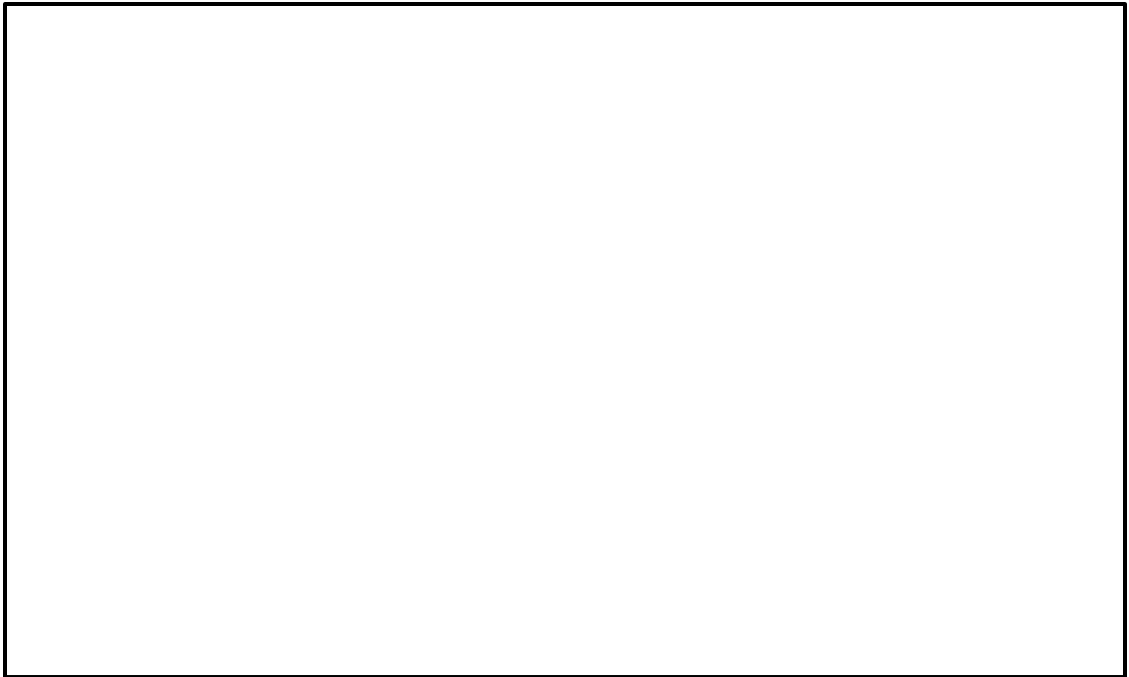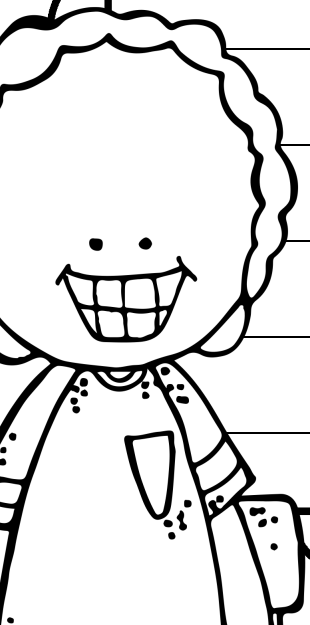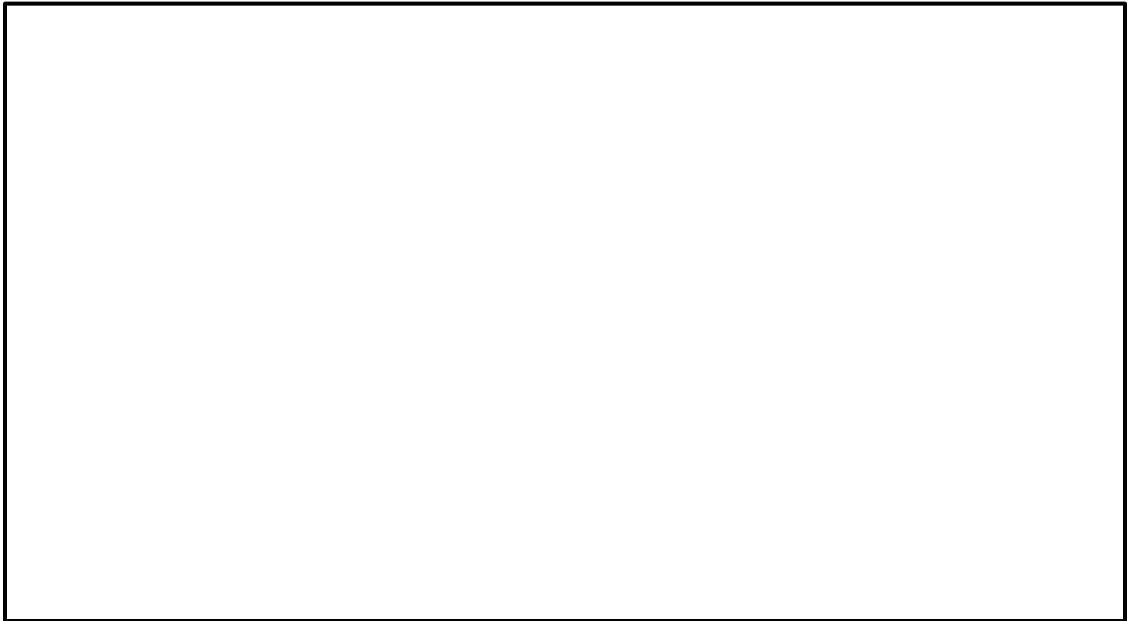
Round 234 to the nearest 100.

How do you know your answer is correct?

Explain how you would estimate the
sum of this problem.
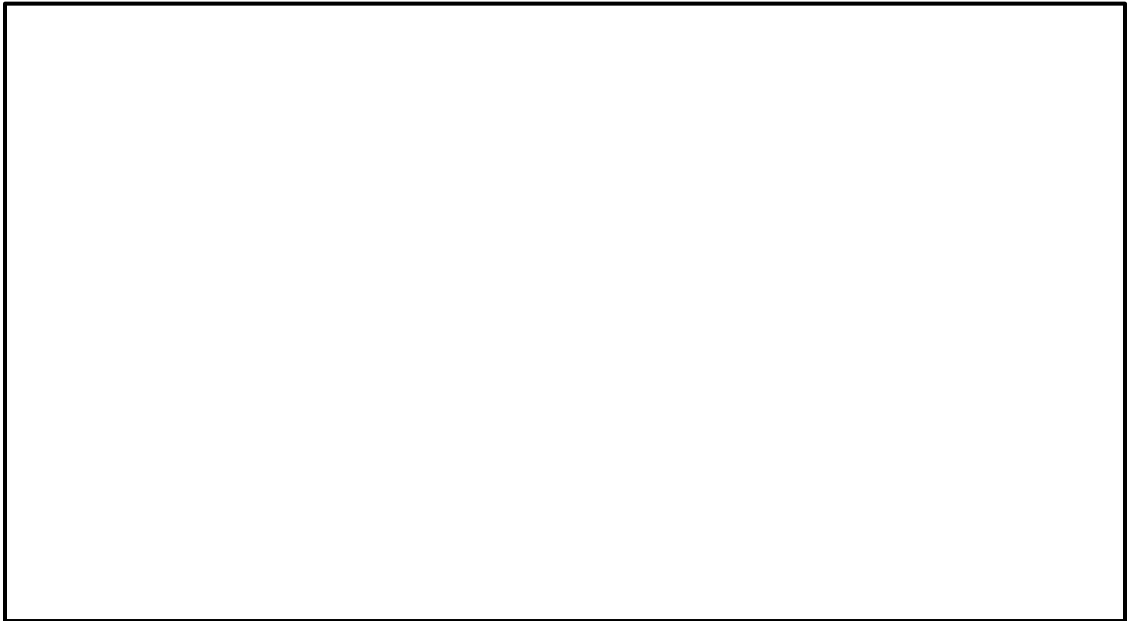
365+223=

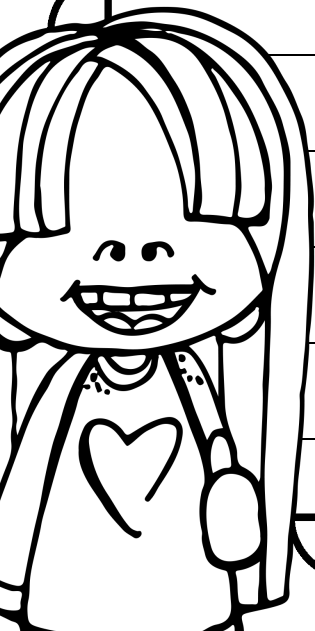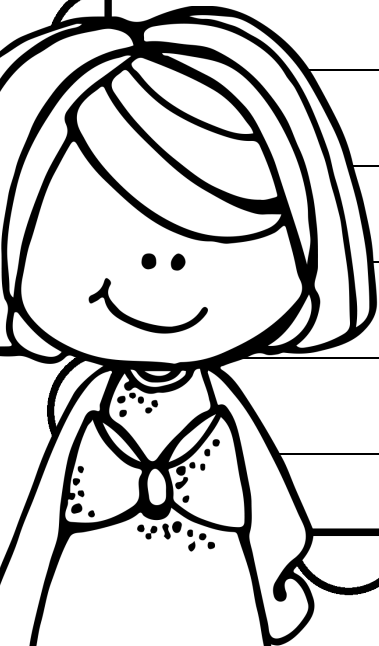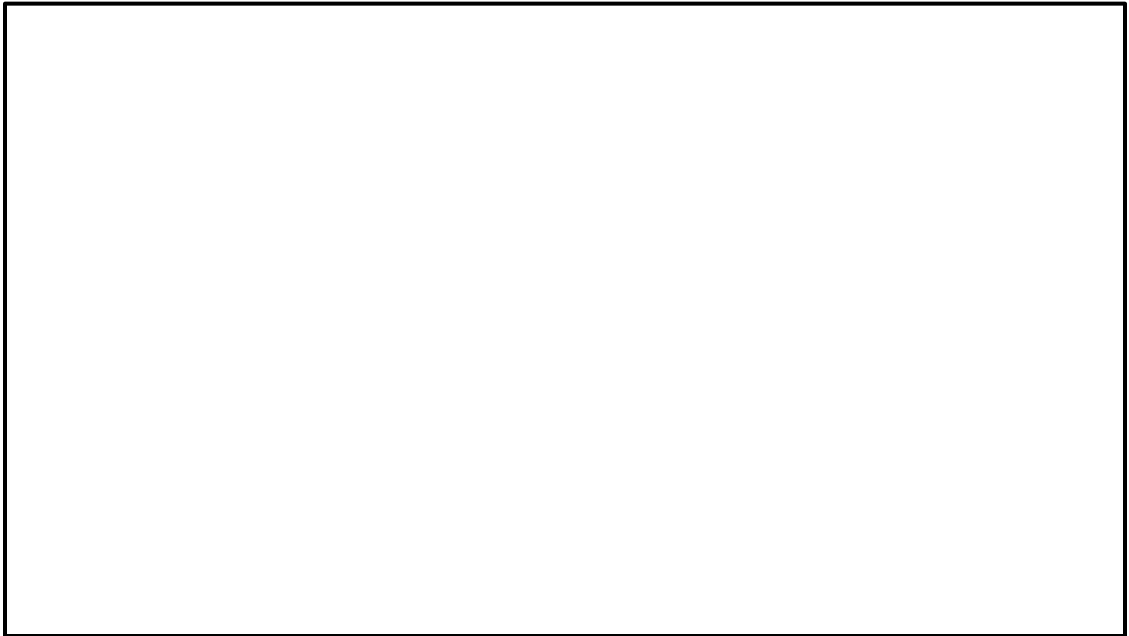Write a story problem for this number sentence and solve.

13+5= _____

Valery bought an ice cream sundae for $2.34. She gave the cashier a $10 bill. How much change should she get back? Write the steps you used to solve the problem.
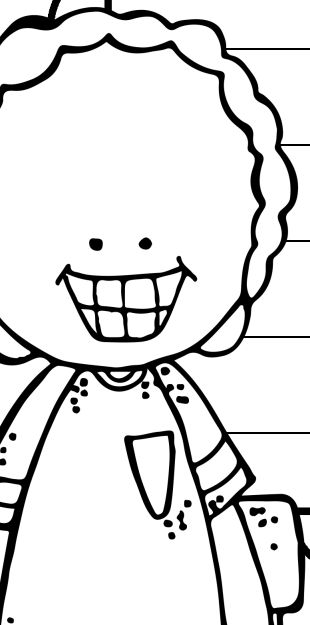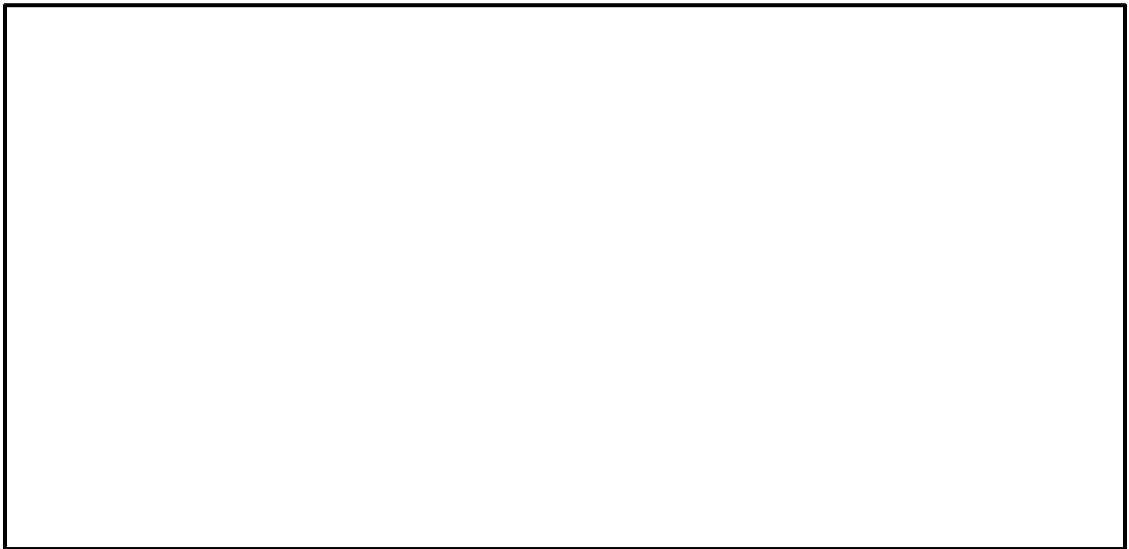
Write a story problem for this number sentence:

246+129
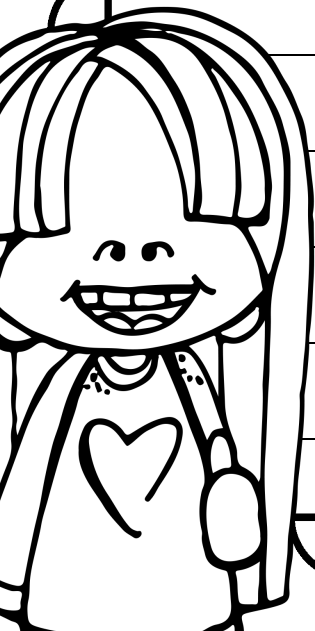
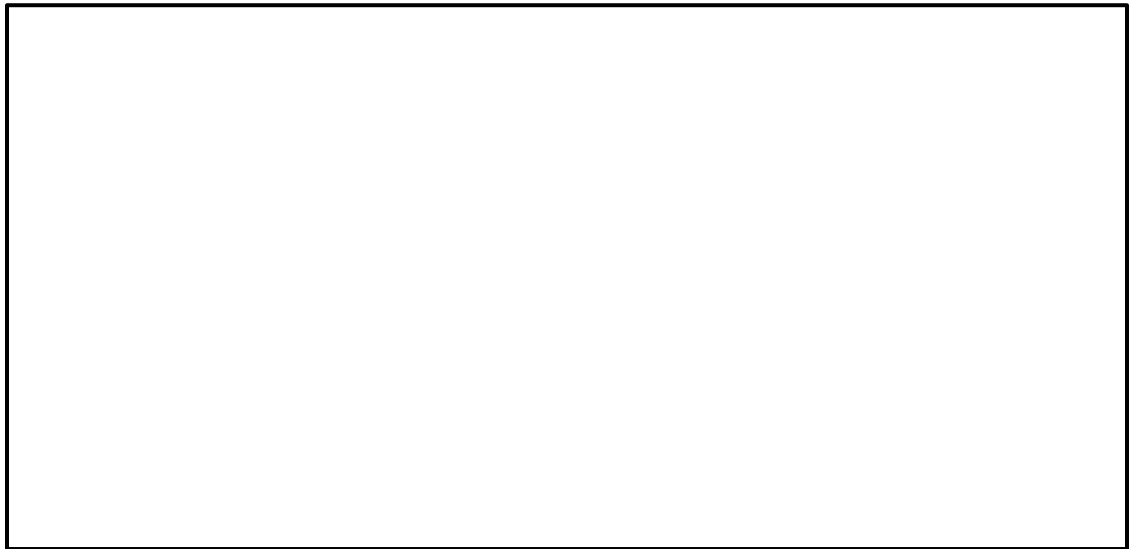Solve the problem and show how to check your answer using subtraction.

There was 8 pieces of pizza. Tom's family ate 6 of the pieces. Draw a picture and write directions to tell someone how to find out what fraction of the pizza is left.
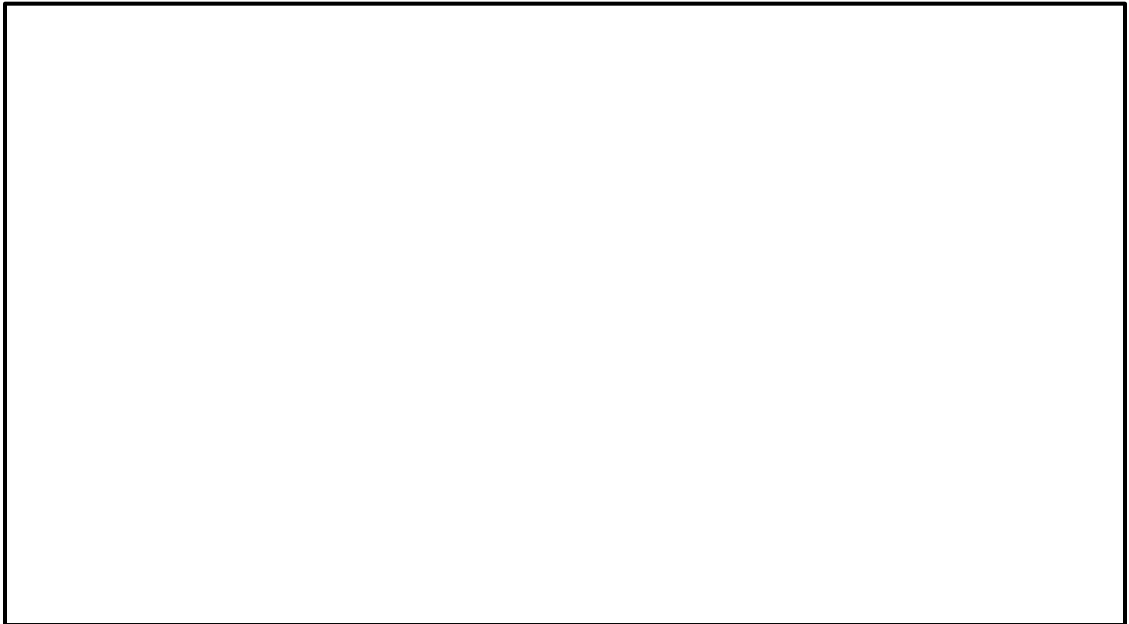
I am a fraction whose denominator is 4 times larger than my numerator. My numerator is 2. What fraction am I? Draw a picture of a pizza and shade in my fraction of the pieces.
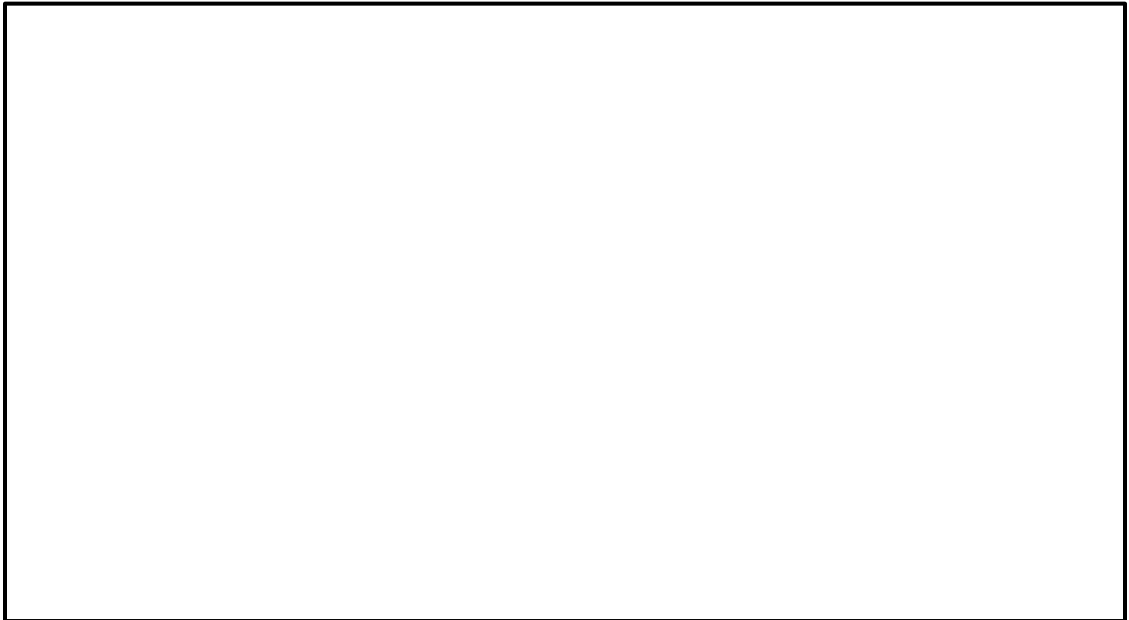
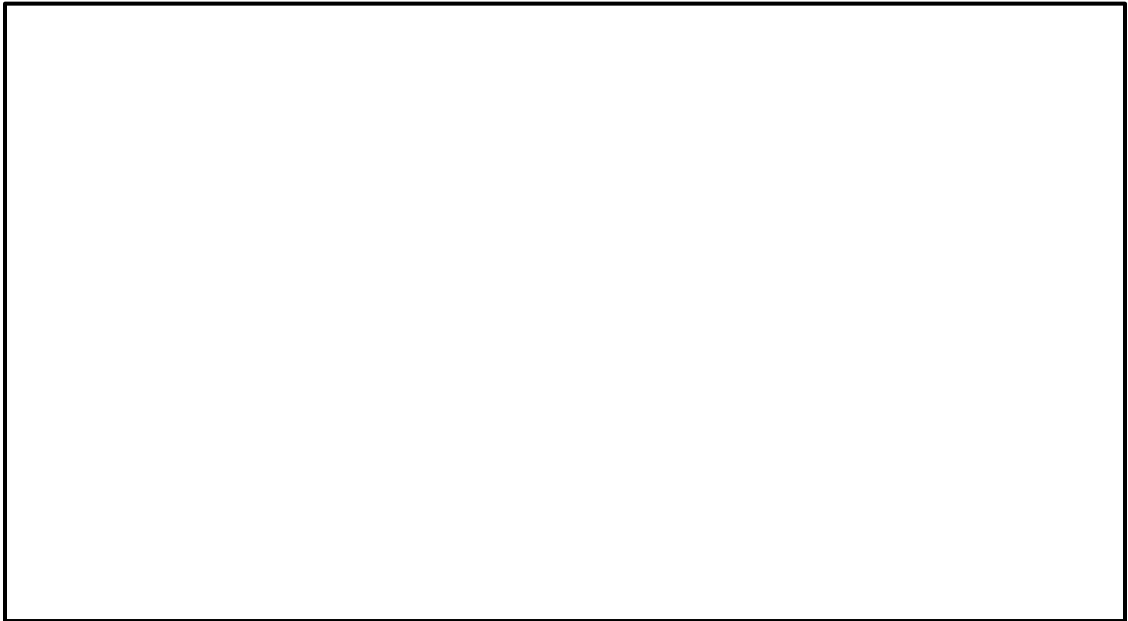Four students equally share a dozen cookies. What fraction of the cookies will each student receive? How do you know?

How can you use a number line to show which of these fractions is larger: one-third or one-half?
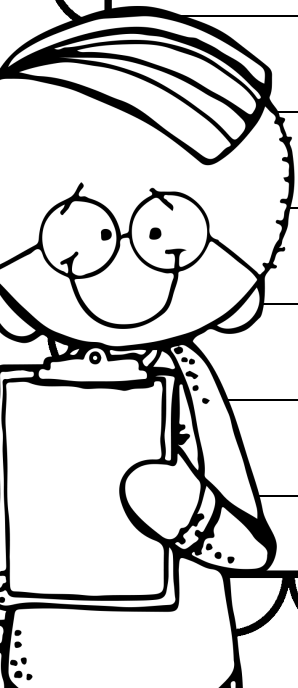
Show the number line and explain your answer.

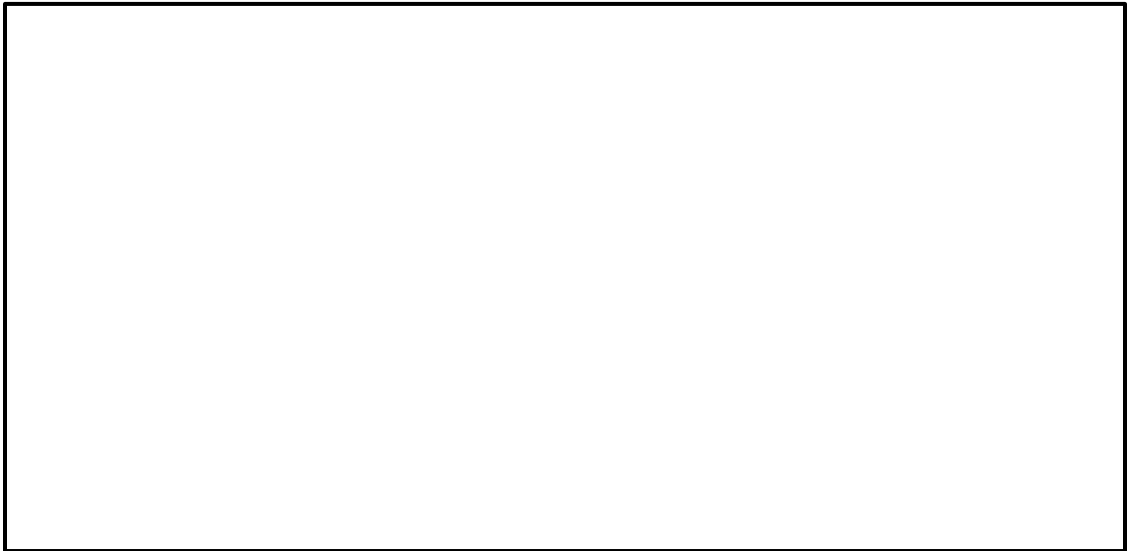Write two fractions that are equivalent to one-half. Explain using pictures and words how you know they are equivalent.
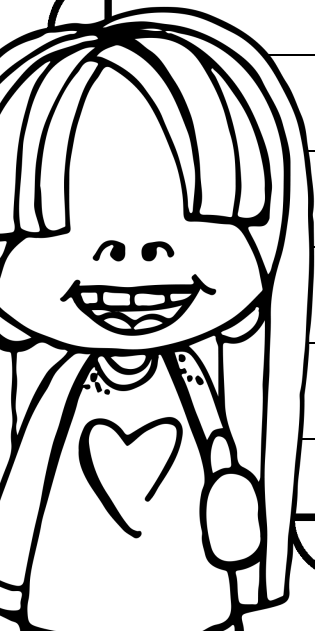
Marge makes 2 pizzas that are the same size. She cuts one pizza into 8 equal pieces. She cuts the second pizza into 6 equal pieces. Which pizza will have smaller slices? How do you know?
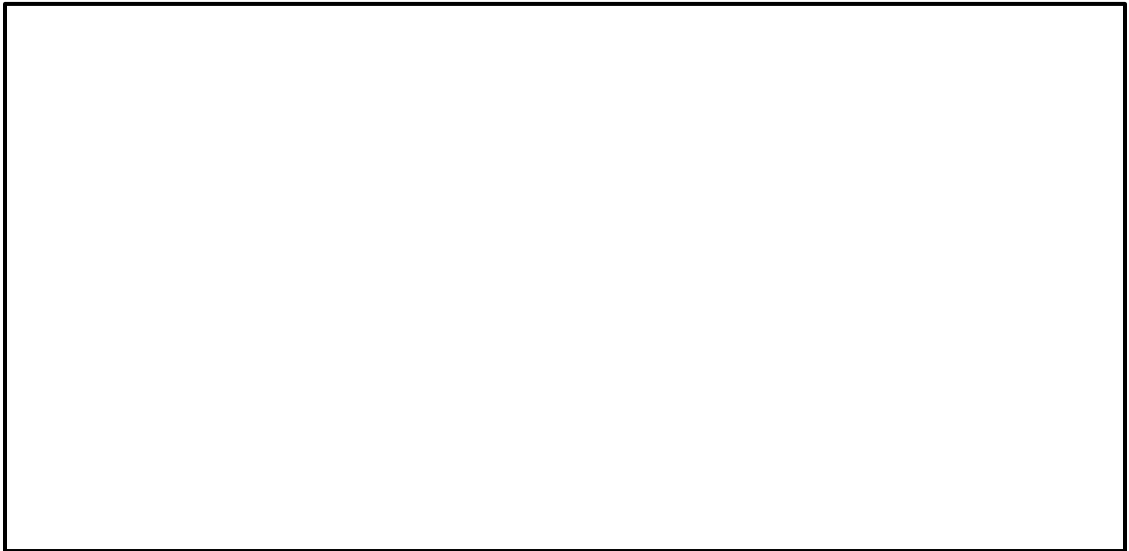
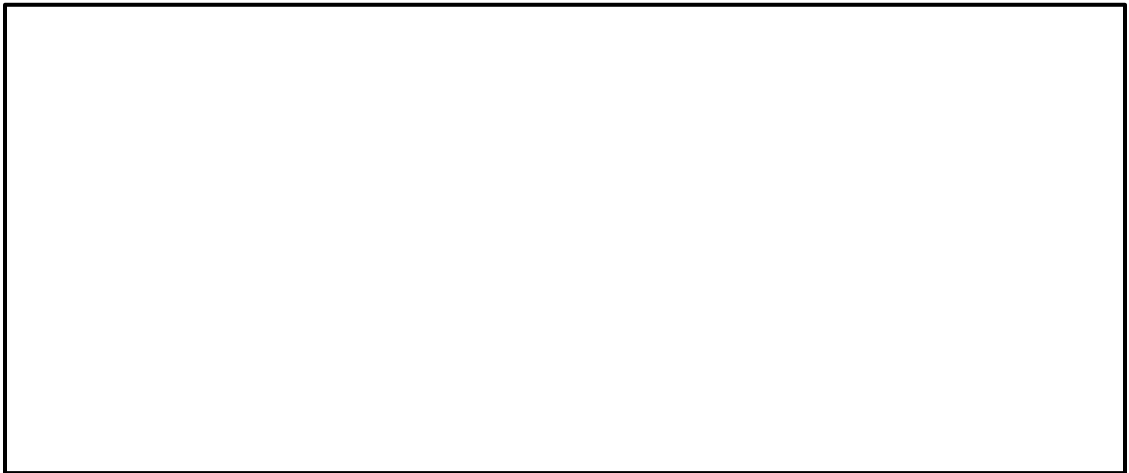Kevin and Dave bought the same candy bar. Kevin eats two-thirds of his bar. Dave eats four-sixths of his bar. Did they eat the same amount of candy? Explain your answer using pictures and words.
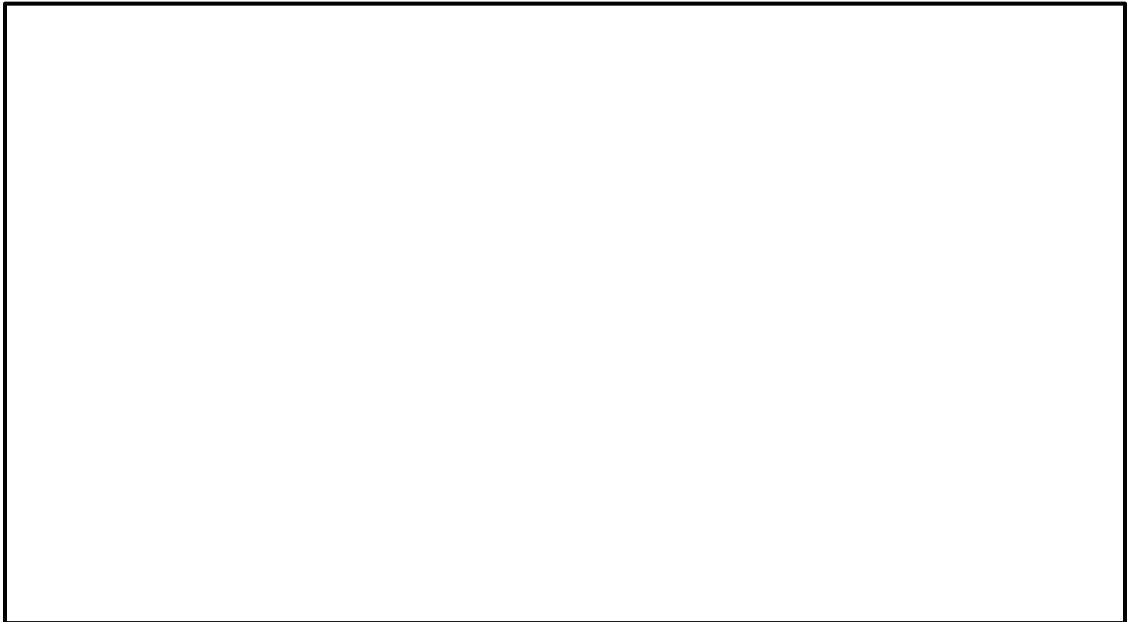
Nate struck out two-thirds of the times that he was up to bat. Cade struck out one-half of the times he was up to bat. Who struck out more if they were both up to bat the same number of times?
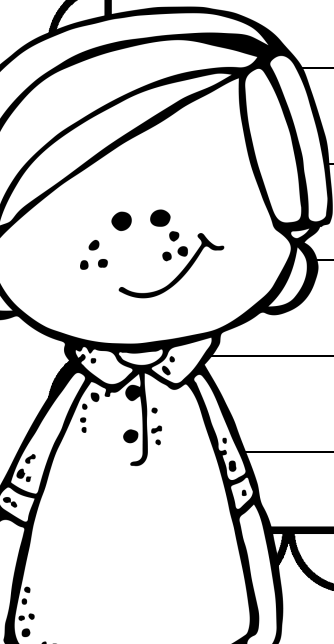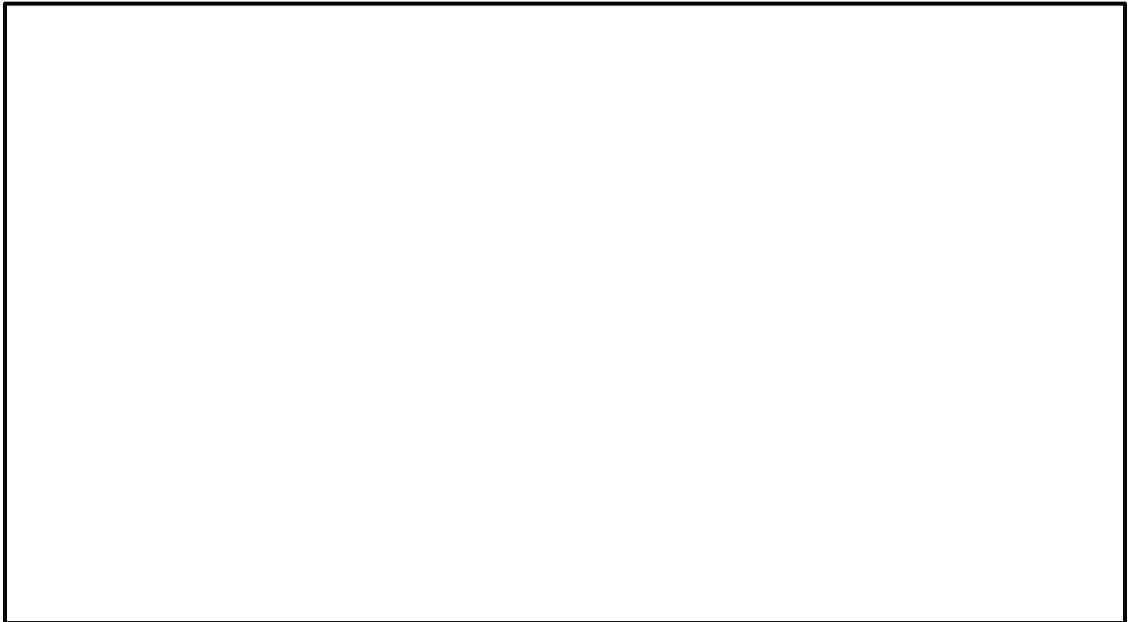How do you know?
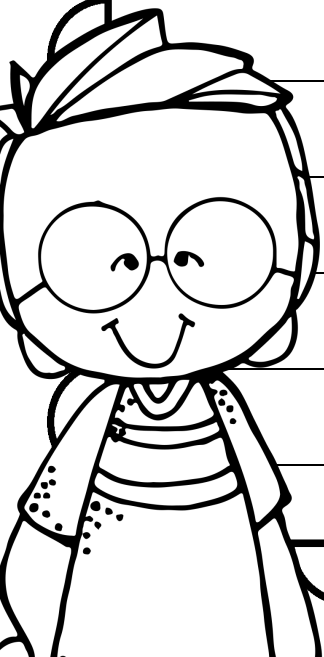
When two fractions have the same denominator, how can you tell which fraction is larger?
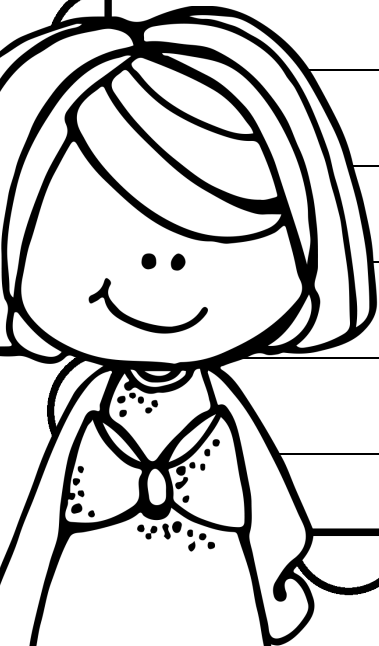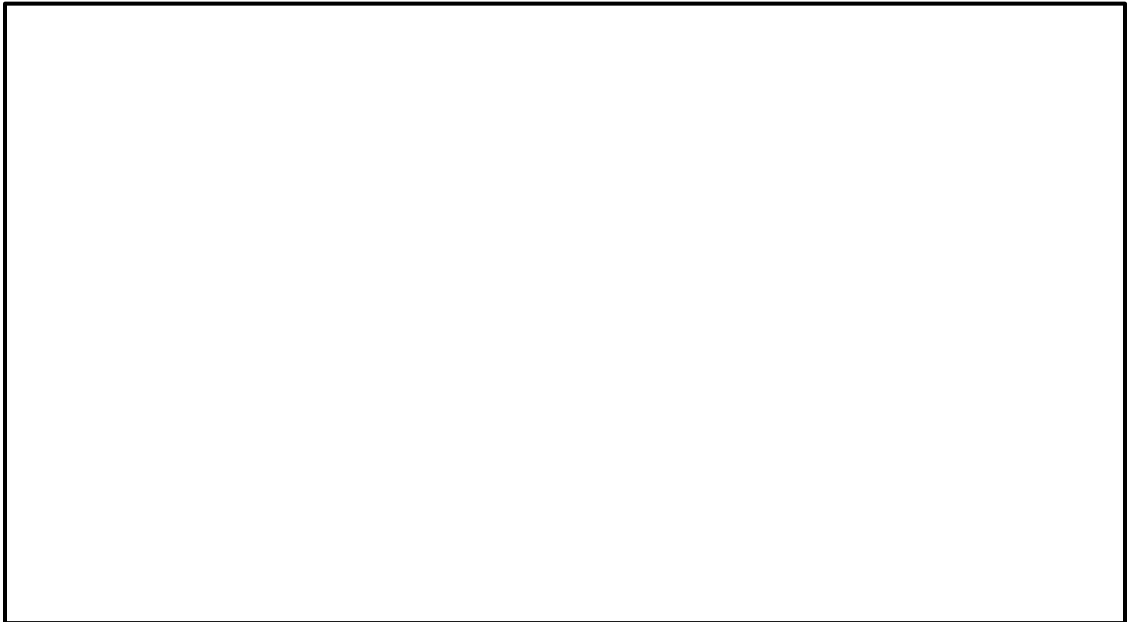Explain and give an example.

When two fractions have the same numerator and different denominators, how can you tell which fraction is larger? Explain and give an example.
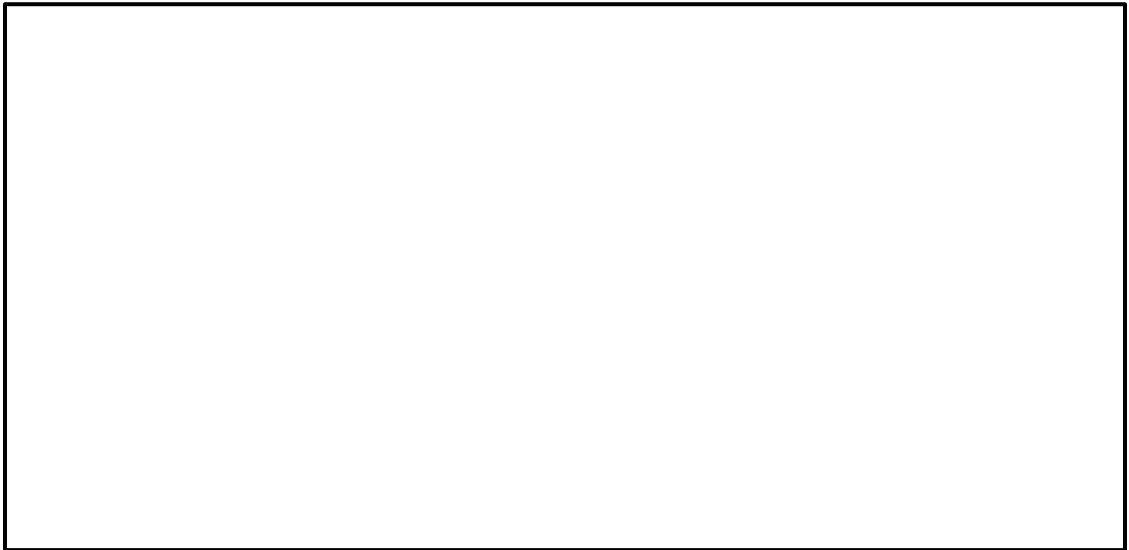
Tom started reading at 4:00 and read for 60 minutes. Max started reading at 6:00 and stopped reading at 8:00. Who read longer? How do you know?
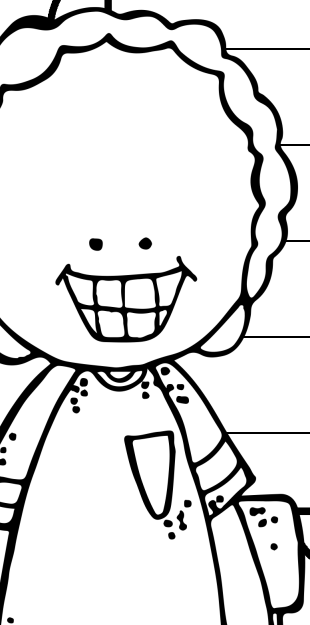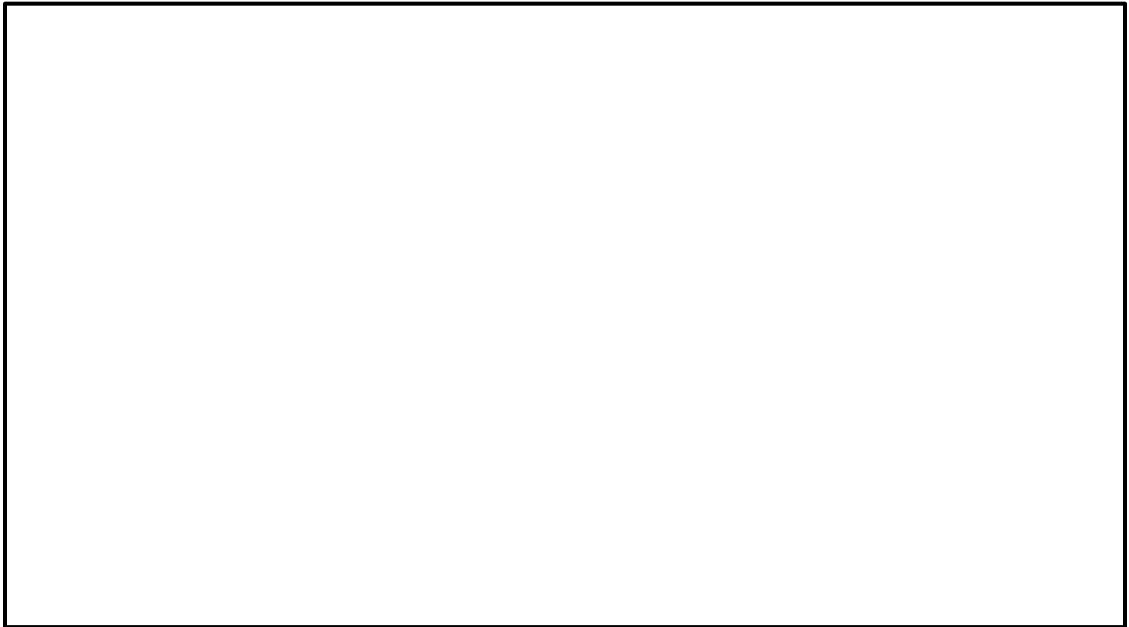
Snow is falling 1 inch per hour. At 12 o'clock there was 3 inches of snow. How many inches of snow will there be at 6 o'clock? Explain the steps you used to solve the problem.
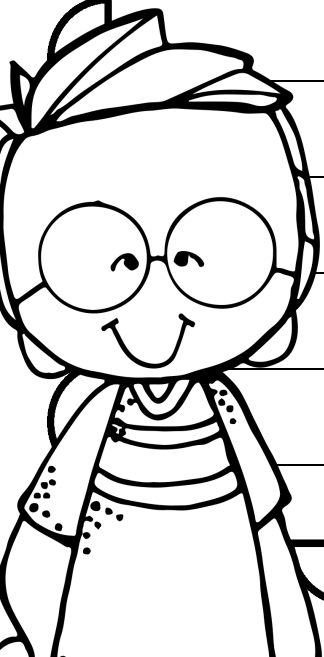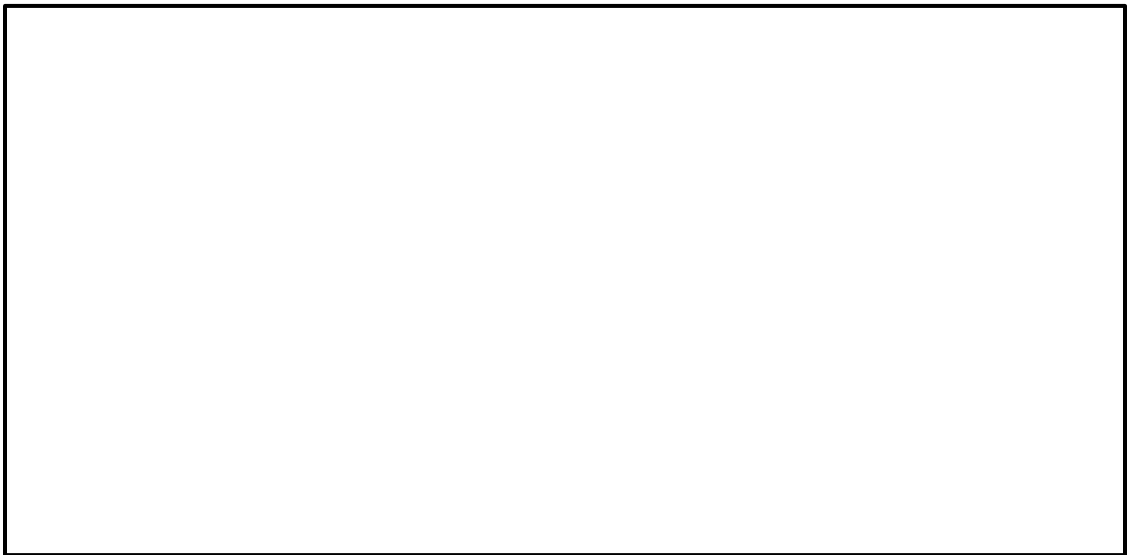
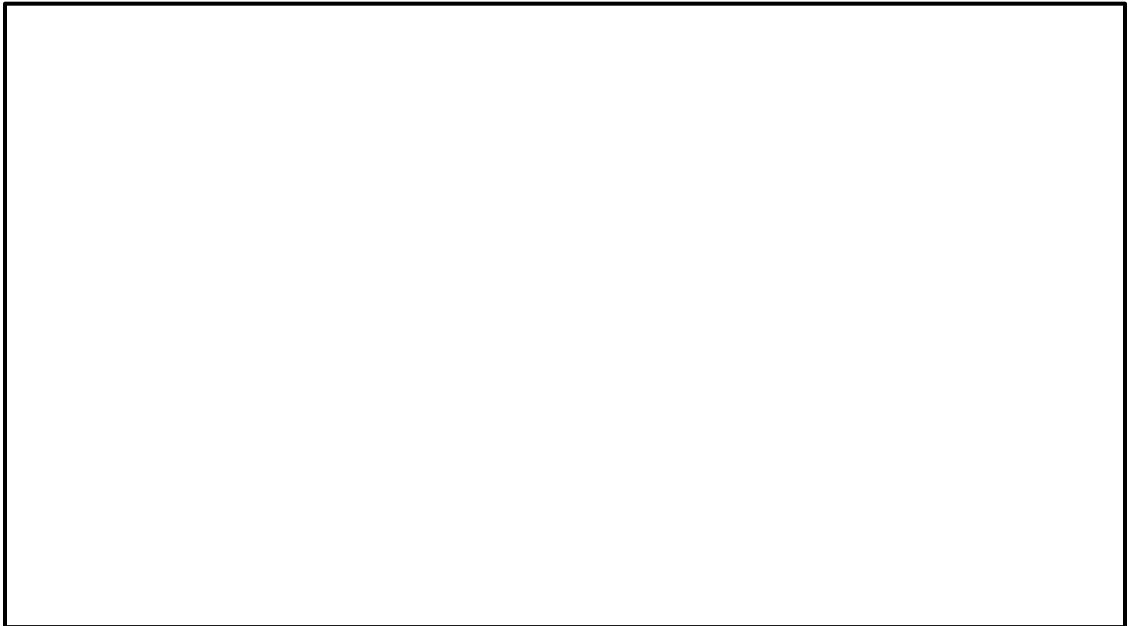The movie starts at 7:15 P.M. It lasts for 90 minutes. What time does the movie end? How do you know? Show on a number line.

Chris wants to buy the heaviest cake at the bakery. One cake weighs 900 grams and another weighs 1 kilogram. Which cake should he buy?
How do you know?

Mark's paper is 6 inches in length and 5 inches in width. What is the area of the paper? Draw a picture and explain the steps you used.
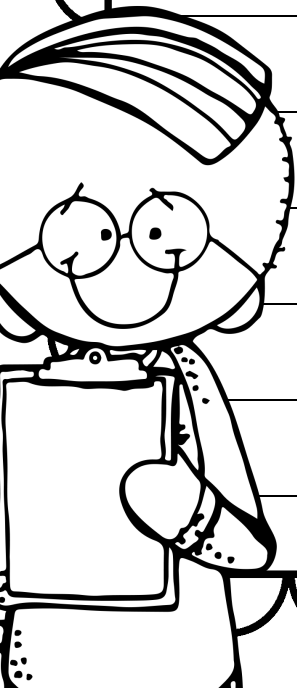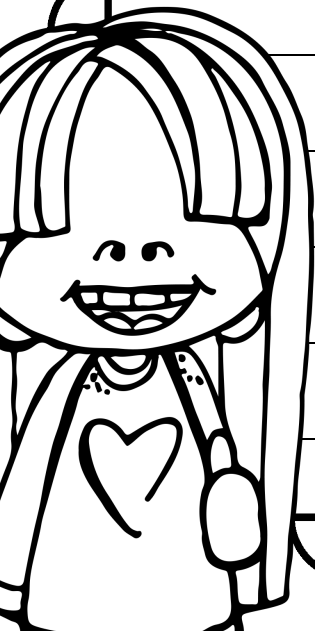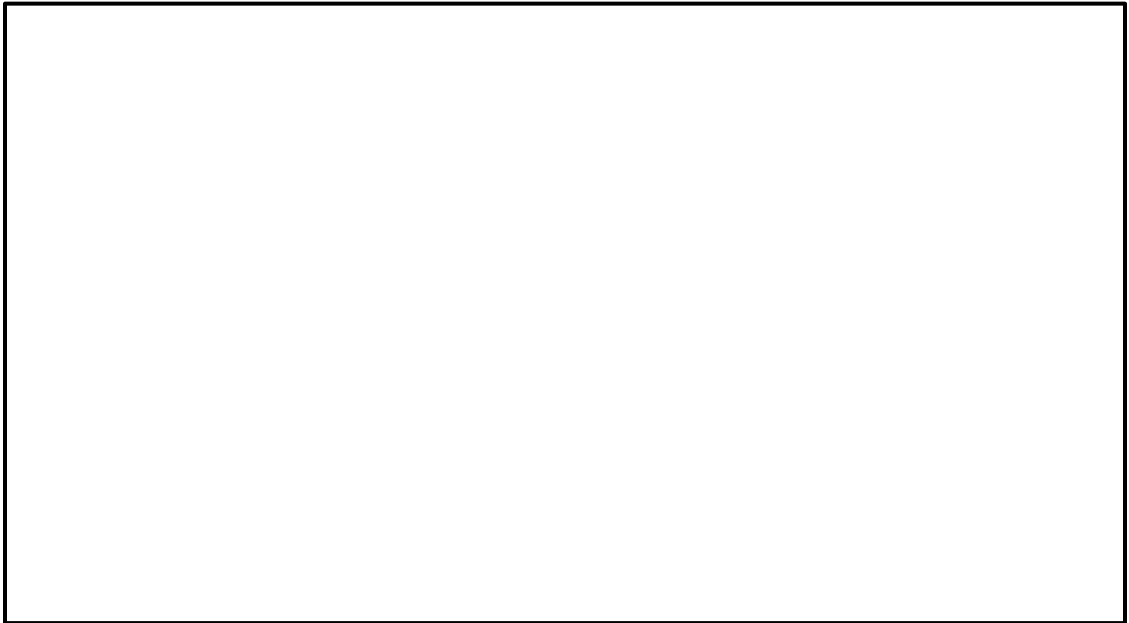
How are squares and rhombuses similar?

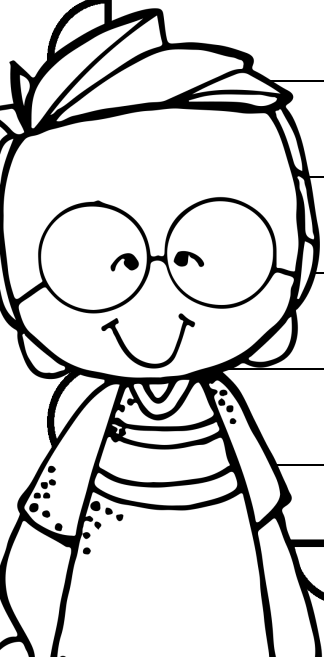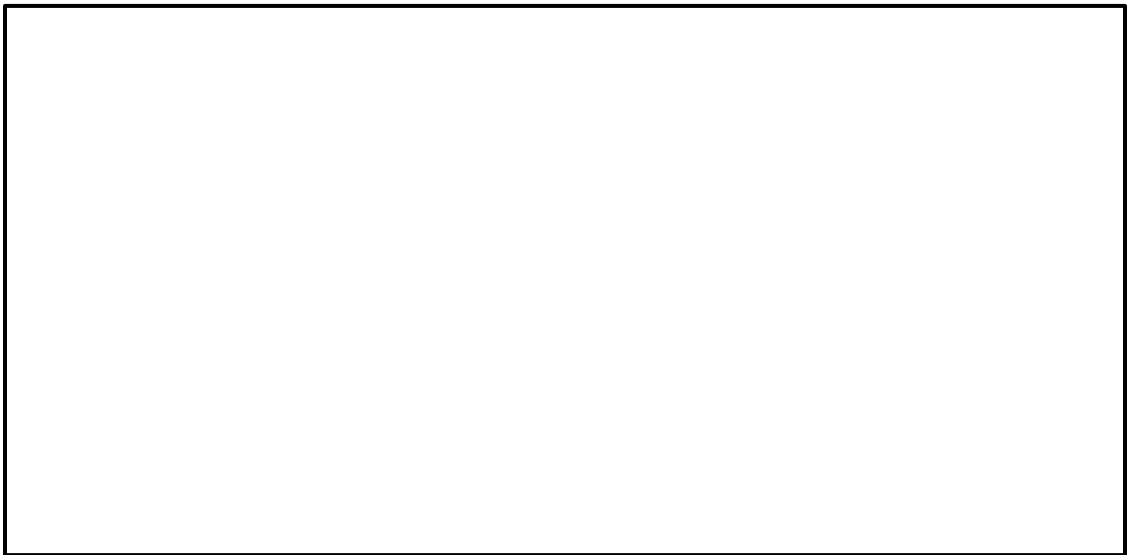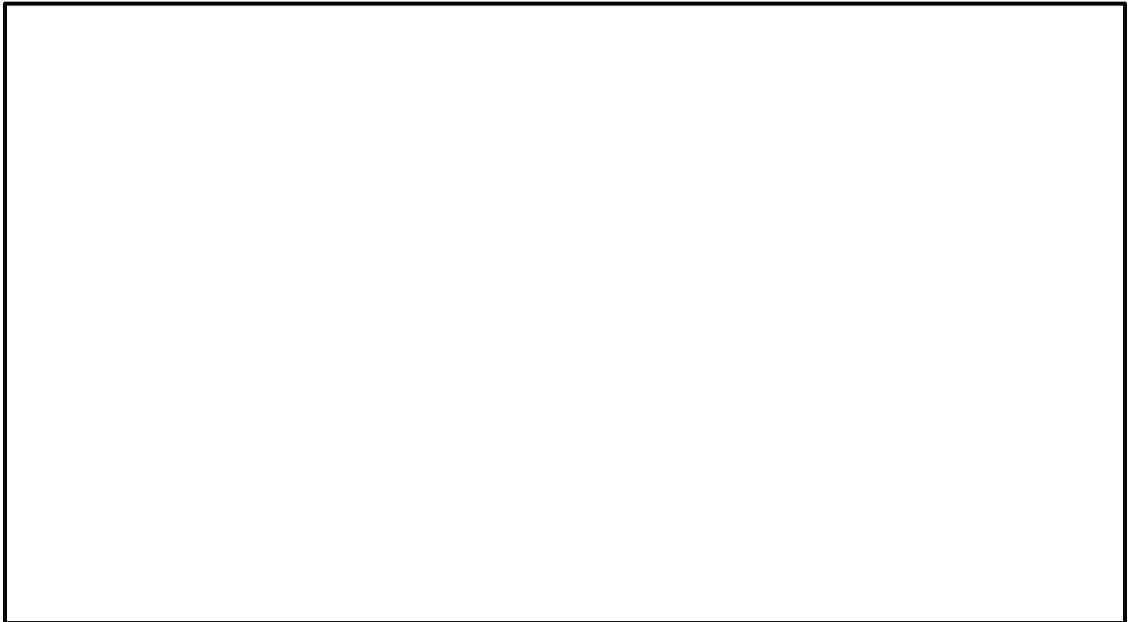How are they different?

Draw a picture of each and explain your answer.

I am a four-sided shape whose sides are not all the same length. My top and bottom are the same length. My left and right side are the same length. Draw me and explain how you know what shape I am.
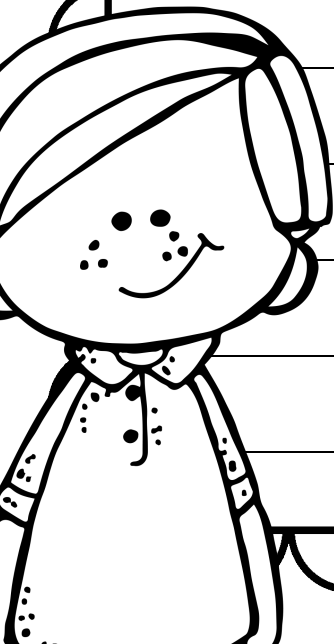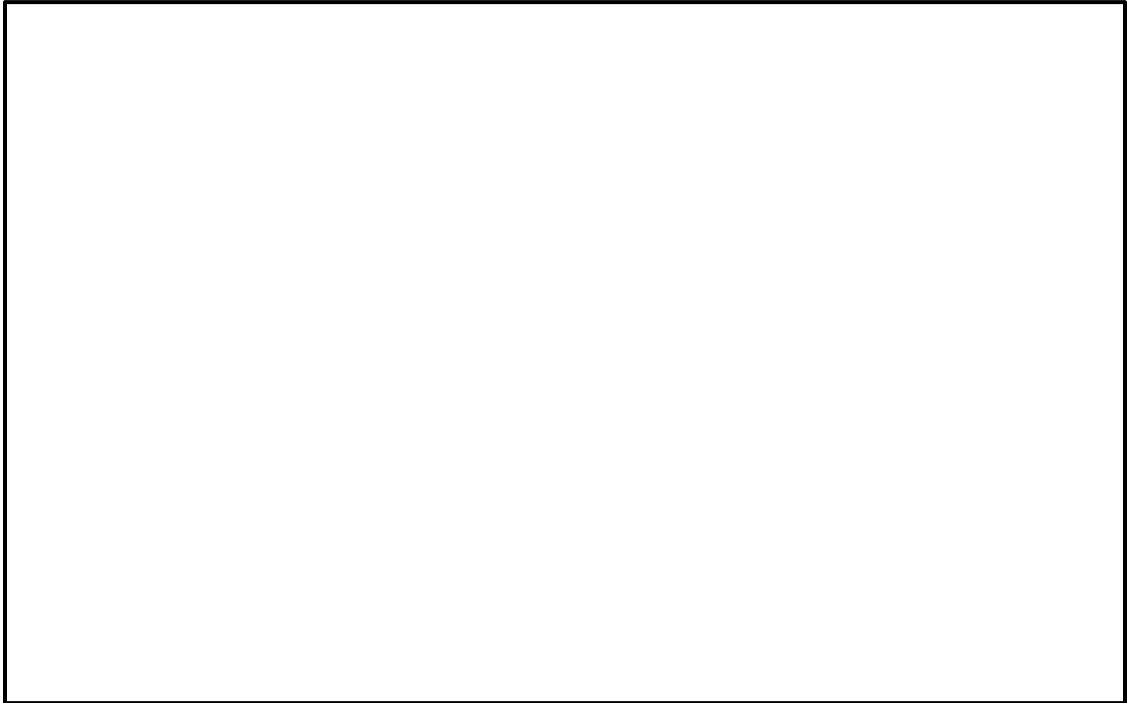
Draw a robot using only squares, rectangles, circles, and triangles. What do these shapes have in common? How are they different?

Jessie says that all quadrilaterals have two sets of parallel lines. Is he correct? Why or why not?

Show 3 different ways to divide a rectangle into 4 equal pieces. Write a story problem that goes along with dividing a rectangle into 4 equal pieces.