

BACK TO SCHOOL MATH CENTERS



PLACE VALUE RIDDLES

Directions: Read the details about the number. Use the crayon box digits to build the number.

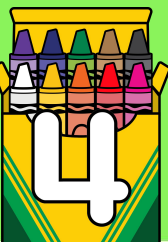
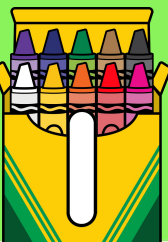


1

- The digit in the tens place is a 4.
- There are 3 hundreds.
- There is a 6 in the ones place.

Build the
number being
described.

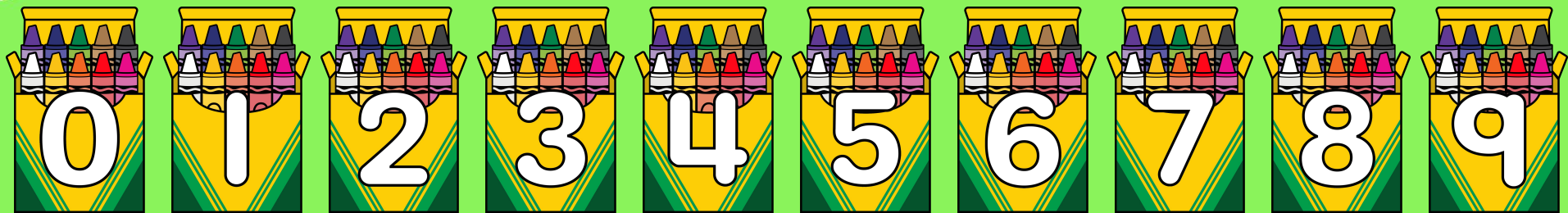
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- There is a 5 in the ones place.
- The digit in the hundreds place is a 7.
- The value of the digit in the tens place is 80.

Build the
number being
described.

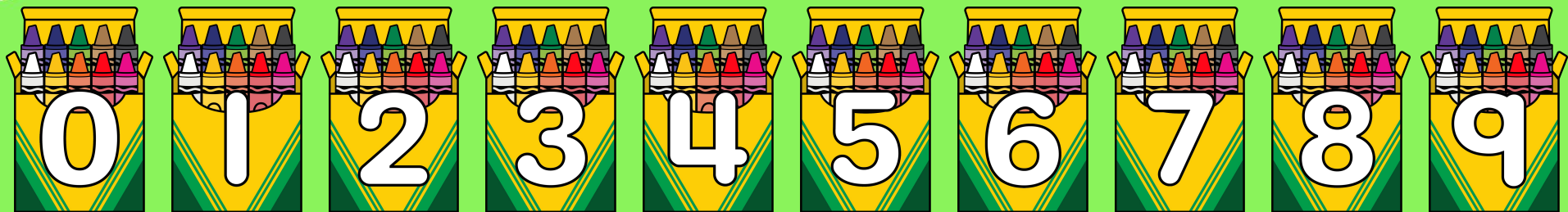
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- The digit in the ones place is a 1.
- The value of the digit in the hundreds place is 200.
- There are 5 thousands.
- There is a 9 in the tens place.

Build the
number being
described.

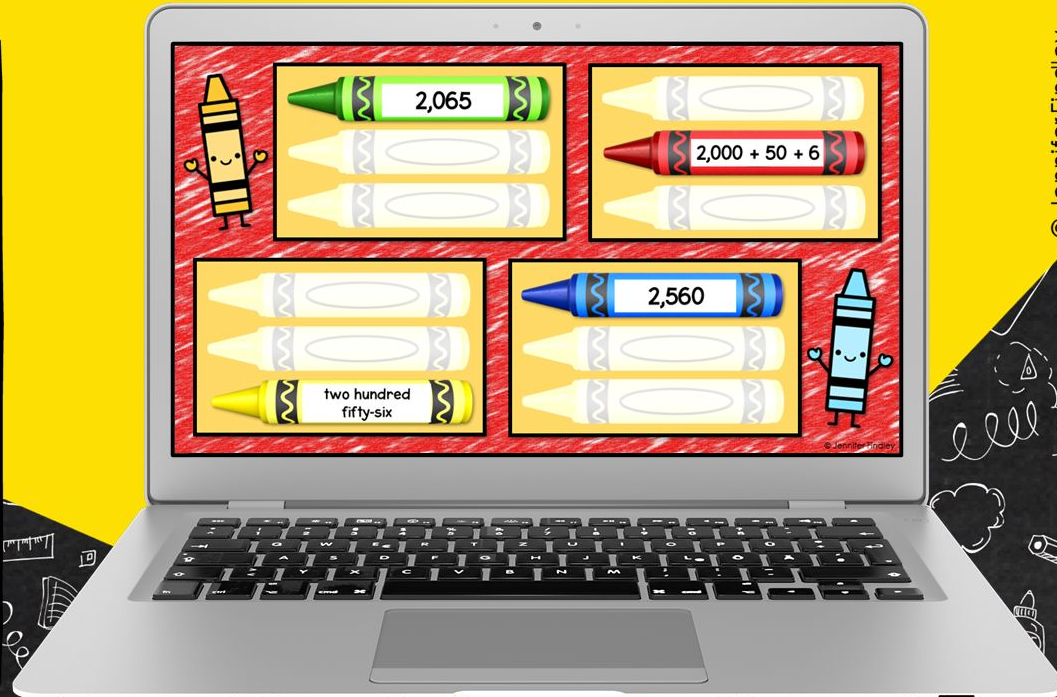
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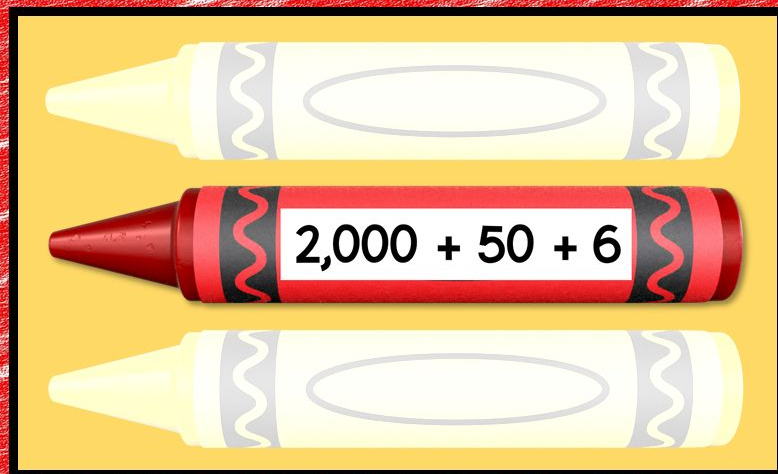
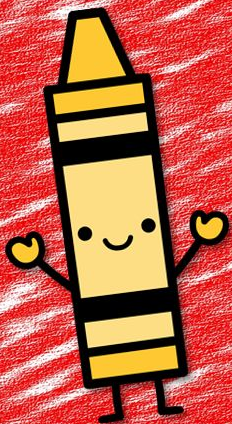


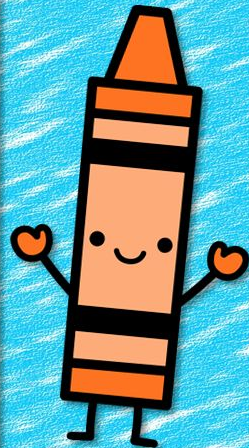
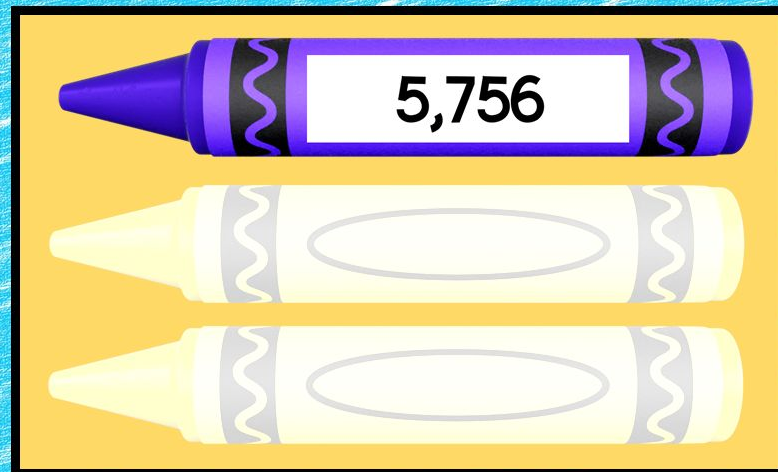
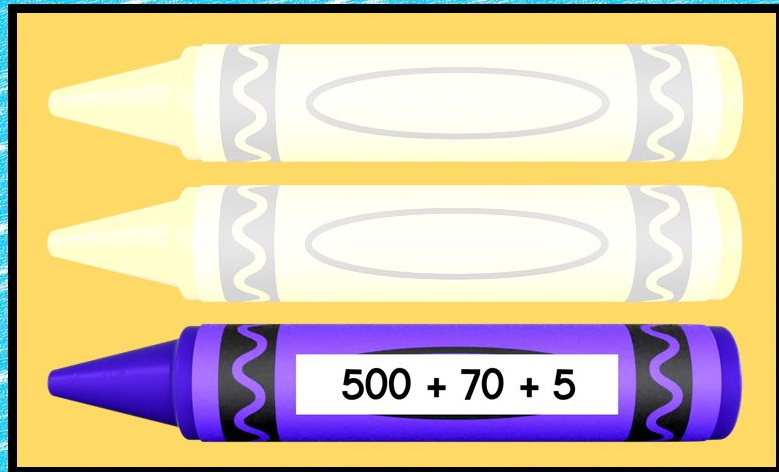
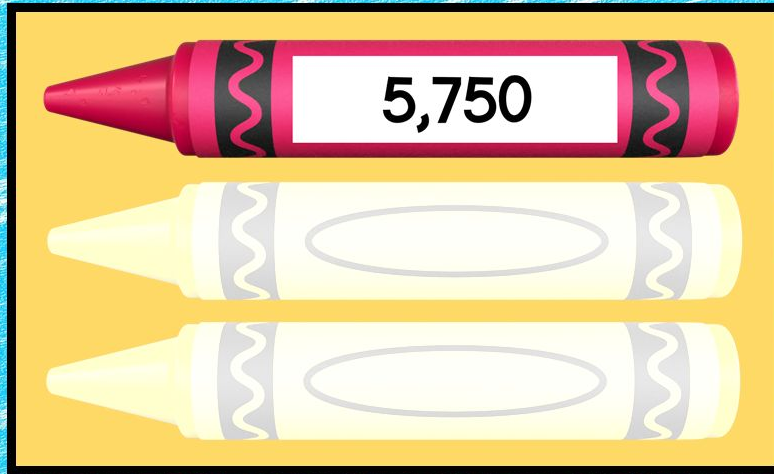
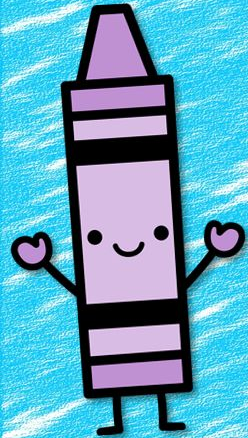
CRAYON MATCH-UP

Directions:

Match the
crayons that
represent the
same number.



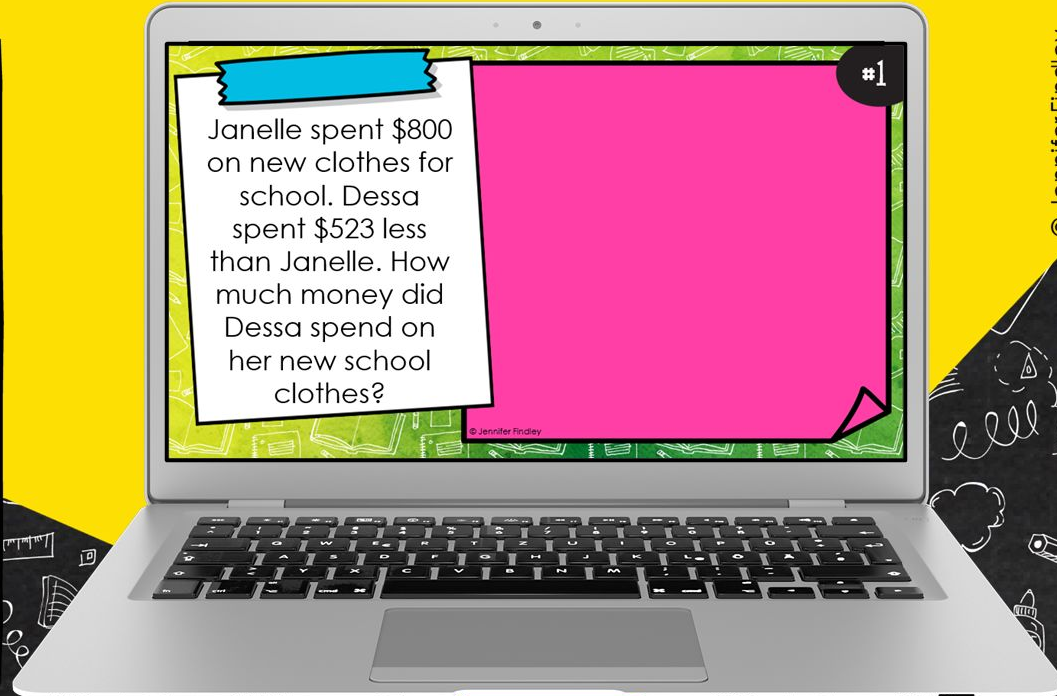




SCHOOL-THEMED WORD PROBLEMS

Directions:

Read and solve each word problem.



Janelle spent \$800 on new clothes for school. Dessa spent \$523 less than Janelle. How much money did Dessa spend on her new school clothes?

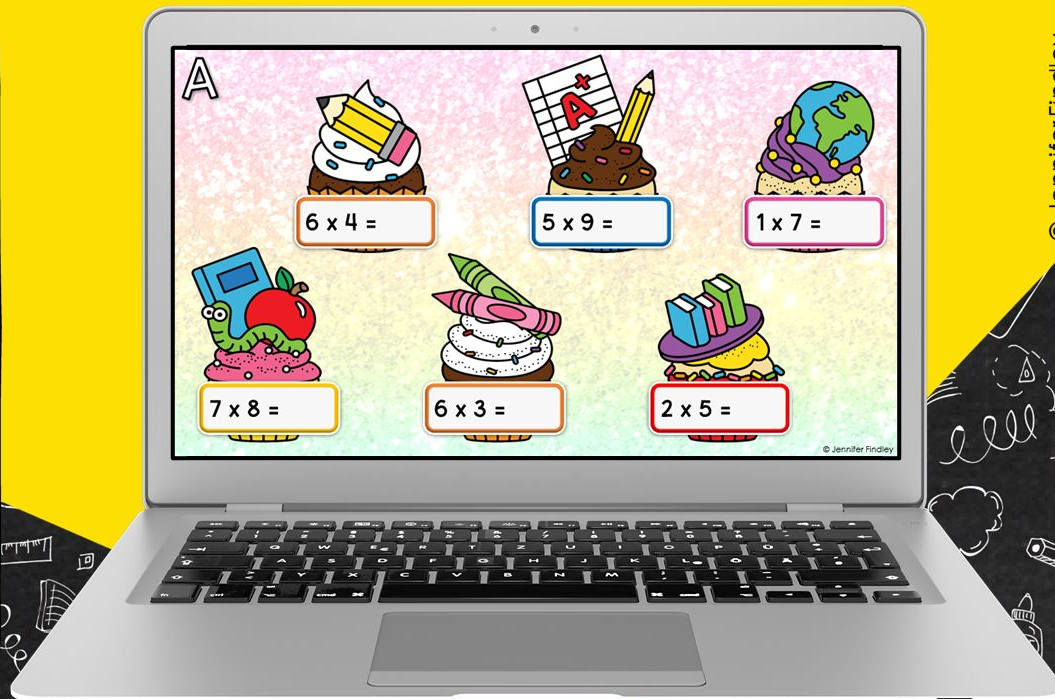
Last year, there were 457 fourth graders. This year, there will be 109 more. How many fourth graders will there be this year?

Ms. Gregory spent \$268 on her daughter's school uniforms and \$39 on school supplies. How much more did Ms. Gregory spend on the uniforms?

Back-to-School Night
had a 42-minute
orientation. They
then had 68 minutes
for students to meet
their teachers. How
long was Back-to-
School Night in total?

BACK-TO-SCHOOL CUPCAKES

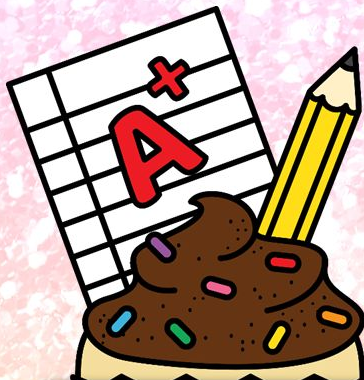
Directions: Solve the equation shown on each cupcake. Type your answers in the text boxes.



A



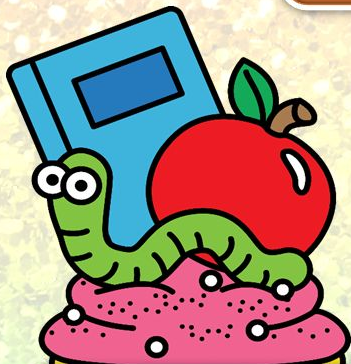
$6 \times 4 =$



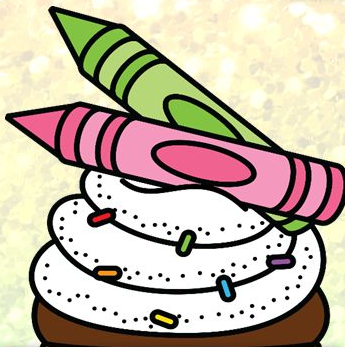
$5 \times 9 =$



$1 \times 7 =$



$7 \times 8 =$



$6 \times 3 =$

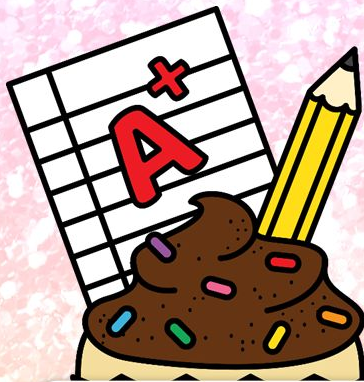


$2 \times 5 =$

B



$8 \times 6 =$



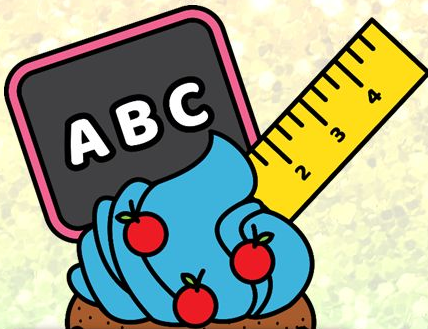
$8 \times 2 =$



$3 \times 8 =$



$2 \times 9 =$



$3 \times 7 =$

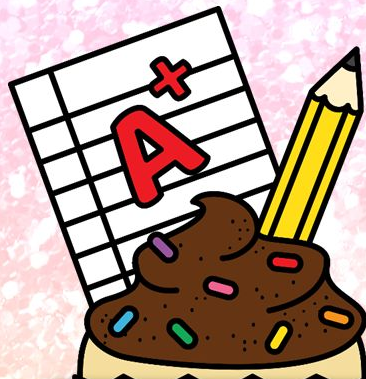


$3 \times 3 =$

C



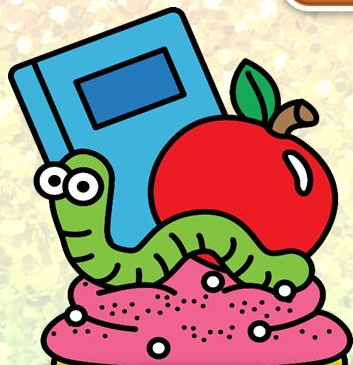
$2 \times 4 =$



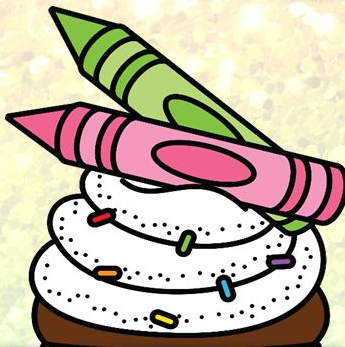
$3 \times 9 =$



$4 \times 8 =$



$4 \times 3 =$



$2 \times 7 =$



$7 \times 5 =$

BACK-TO-SCHOOL CUPCAKES

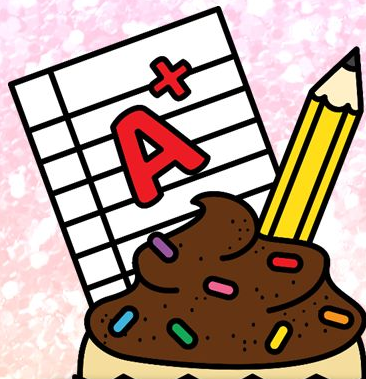
Directions: Solve the equation shown on each cupcake. Type your answers in the text boxes.



A



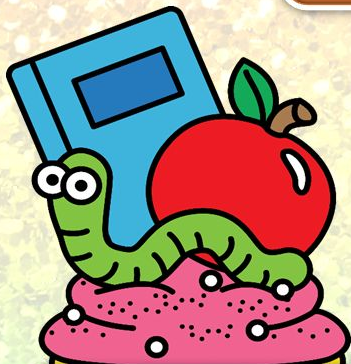
$$16 \div 4 = \boxed{}$$



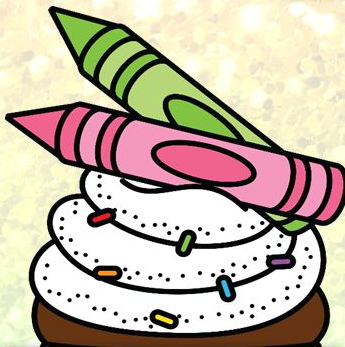
$$18 \div 9 = \boxed{}$$



$$35 \div 7 = \boxed{}$$



$$16 \div 2 = \boxed{}$$



$$6 \div 2 = \boxed{}$$

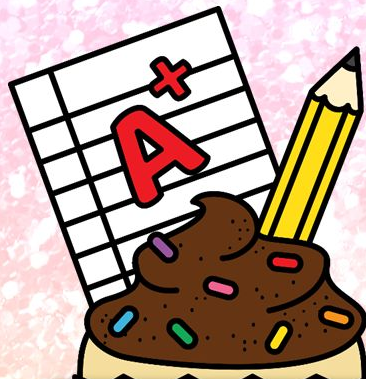


$$10 \div 5 = \boxed{}$$

B



$$12 \div 6 = \boxed{}$$



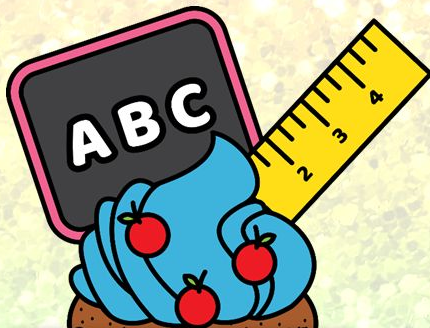
$$12 \div 2 = \boxed{}$$



$$24 \div 8 = \boxed{}$$



$$27 \div 9 = \boxed{}$$



$$14 \div 7 = \boxed{}$$

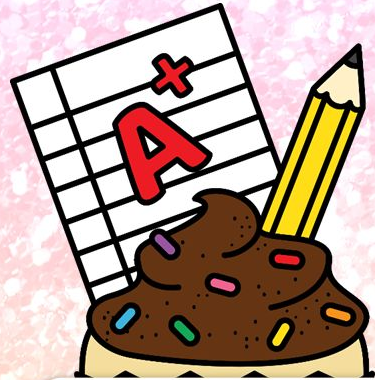


$$21 \div 3 = \boxed{}$$

C



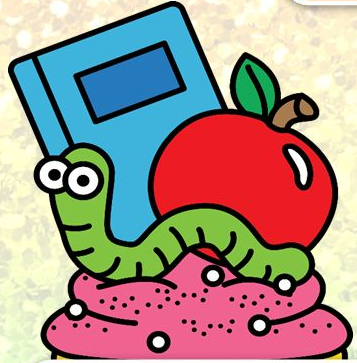
$$24 \div 4 = \boxed{}$$



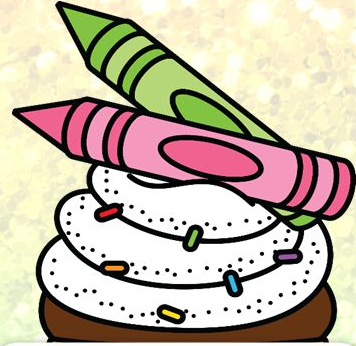
$$8 \div 2 = \boxed{}$$



$$15 \div 5 = \boxed{}$$



$$8 \div 8 = \boxed{}$$



$$9 \div 3 = \boxed{}$$

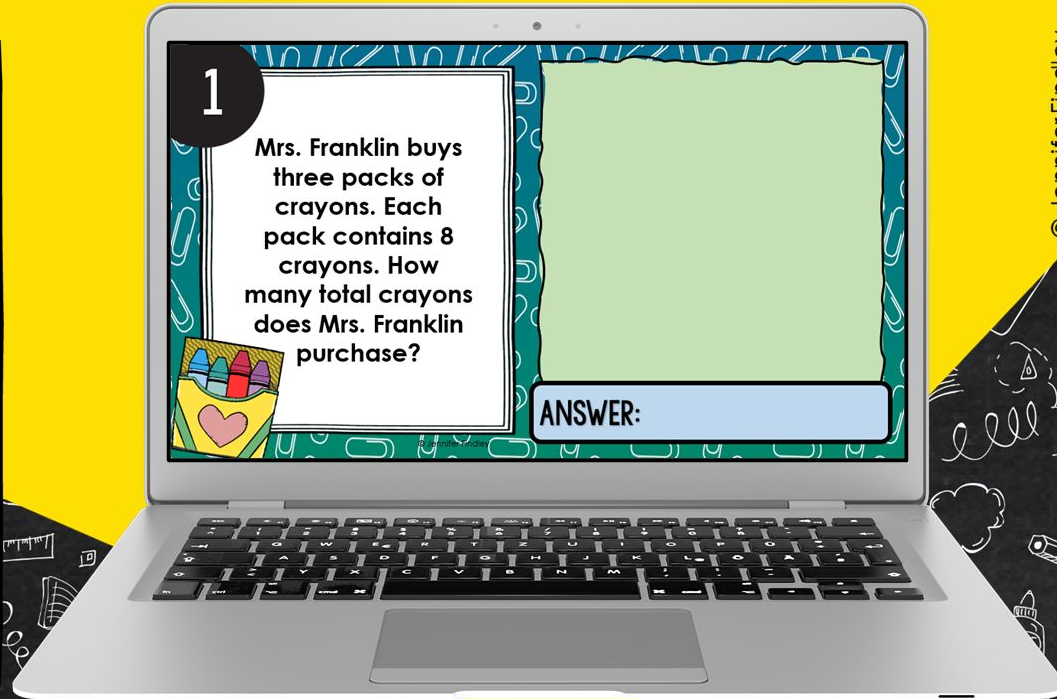


$$20 \div 5 = \boxed{}$$

BACK-TO-SCHOOL WORD PROBLEMS

Directions:

Read and solve
each word
problem.



1

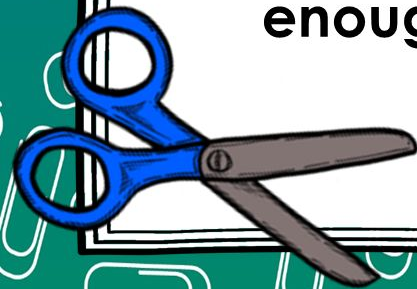
Mrs. Franklin buys three packs of crayons. Each pack contains 8 crayons. How many total crayons does Mrs. Franklin purchase?



ANSWER:

2

A teacher is buying some new scissors for her classroom. She needs to buy 9 pairs of scissors. The scissors come in packs of 3. How many packs does she need to buy to have enough scissors?



ANSWER:

3

Jackson needs 6
packs of
construction paper.
Each pack contains
10 pieces of paper.
How many total
pieces of paper will
he have if he buys
the 6 packs?

ANSWER:

4

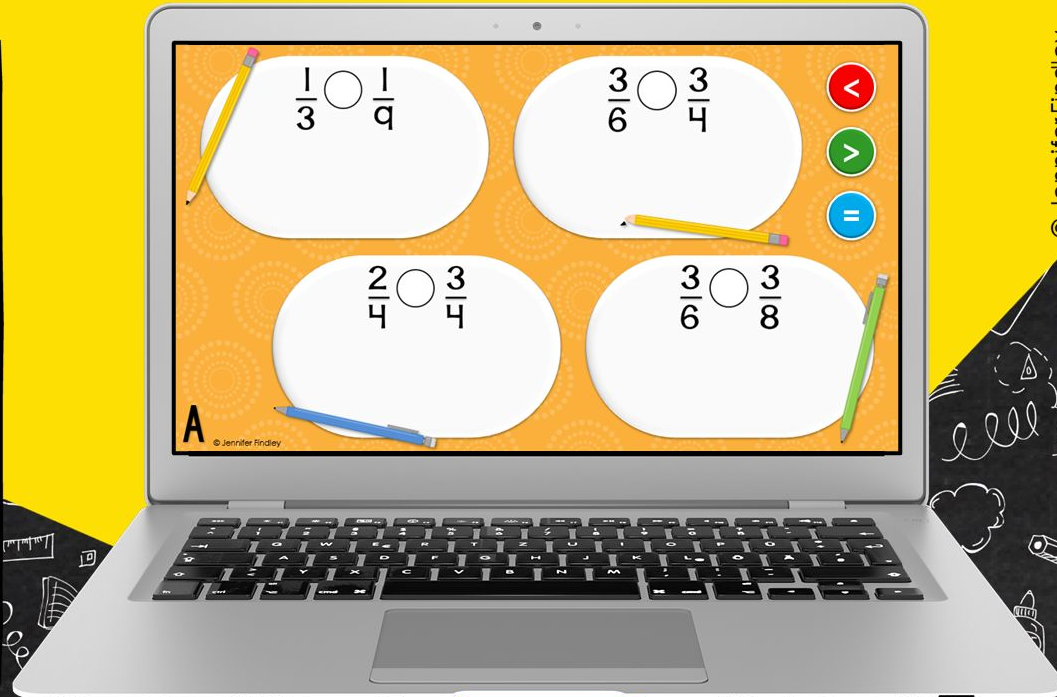
**Crayons come
in packs of 8.
How many
crayons will be
in 7 packs?**

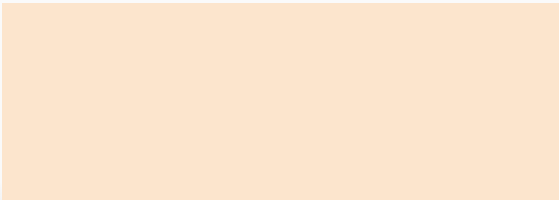


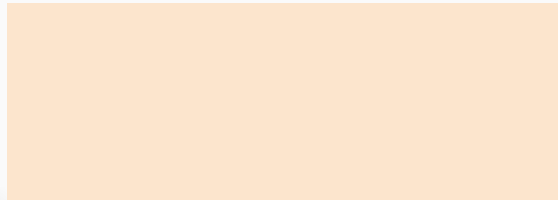
ANSWER:

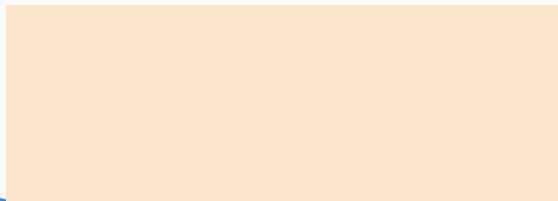
COMPARING FRACTIONS

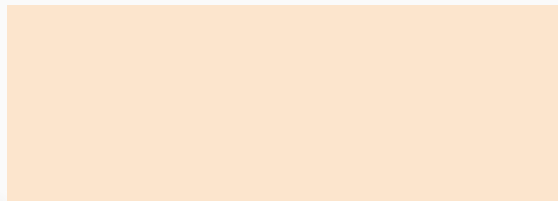
Directions: Compare the fractions using $<$, $>$, or $=$. Explain your reasoning with a written explanation in each text box.



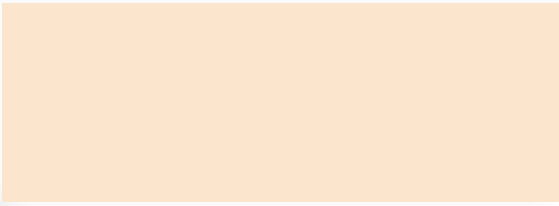

$$\frac{1}{3} \bigcirc \frac{1}{9}$$


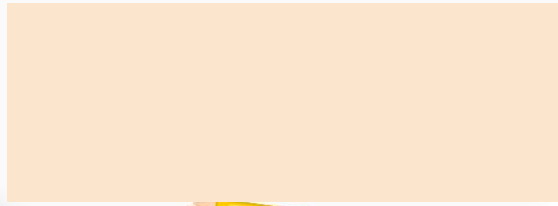
$$\frac{3}{6} \bigcirc \frac{3}{4}$$


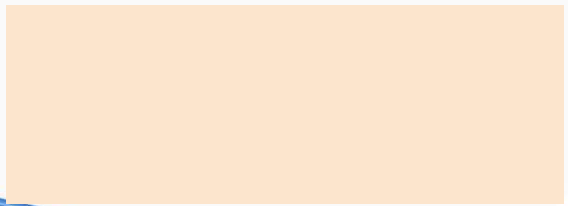
$$\frac{2}{4} \bigcirc \frac{3}{4}$$


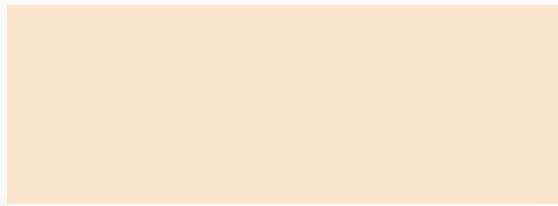
$$\frac{3}{6} \bigcirc \frac{3}{8}$$




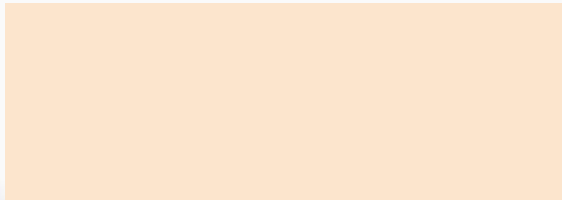

$$\frac{4}{8} \bigcirc \frac{4}{6}$$


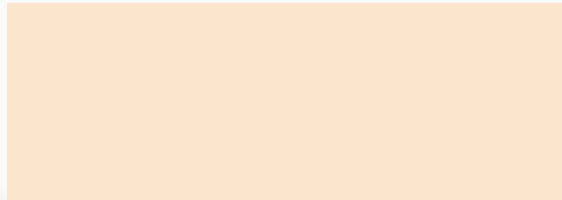
$$\frac{1}{2} \bigcirc \frac{1}{4}$$


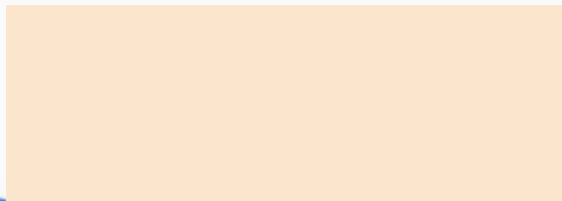
$$\frac{2}{4} \bigcirc \frac{2}{5}$$


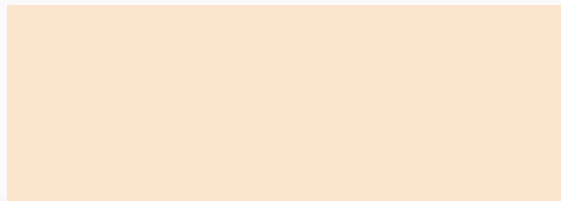
$$\frac{4}{6} \bigcirc \frac{2}{6}$$





$$\frac{1}{5} \bigcirc \frac{1}{4}$$


$$\frac{3}{3} \bigcirc \frac{1}{3}$$


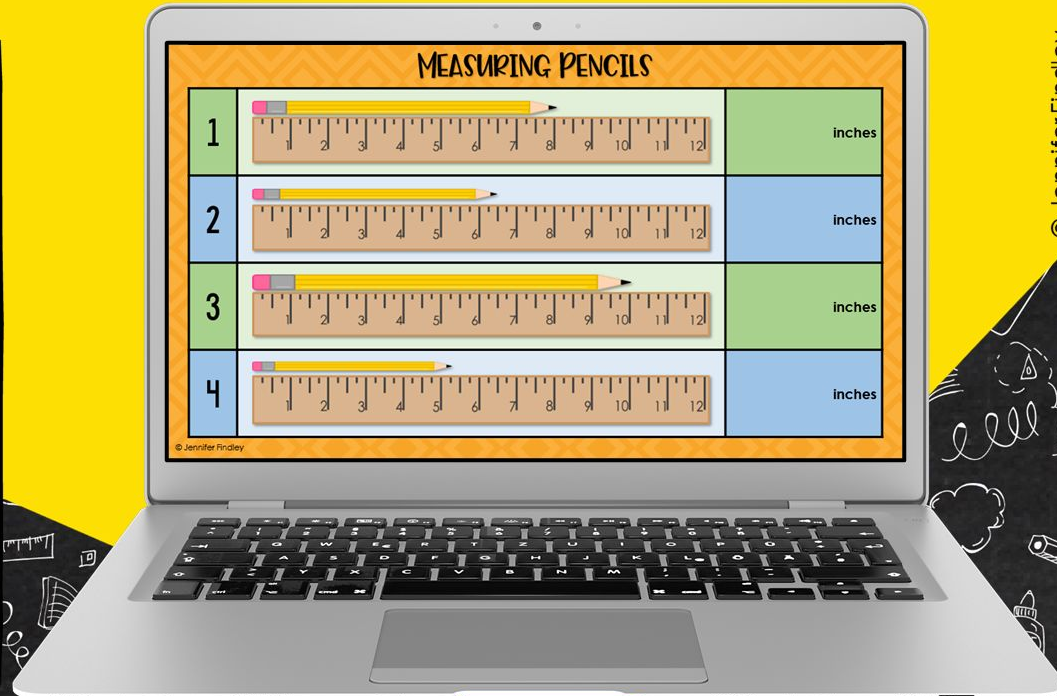
$$\frac{4}{5} \bigcirc \frac{4}{6}$$


$$\frac{2}{3} \bigcirc \frac{1}{3}$$


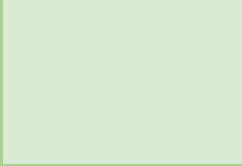
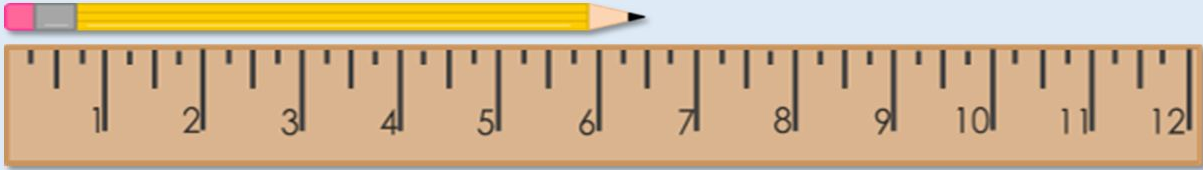
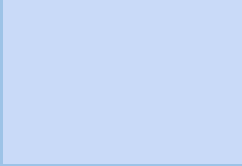
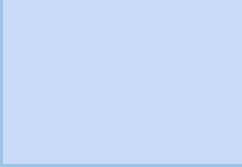


MEASURING PENCILS

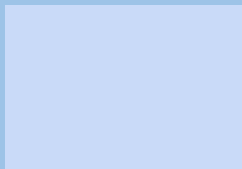
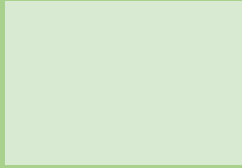
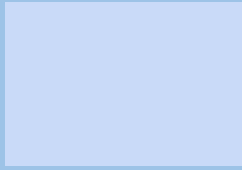
Directions: Determine the length (in inches) of each pencil. Record the lengths and then use the lengths to create a line plot.



MEASURING PENCILS

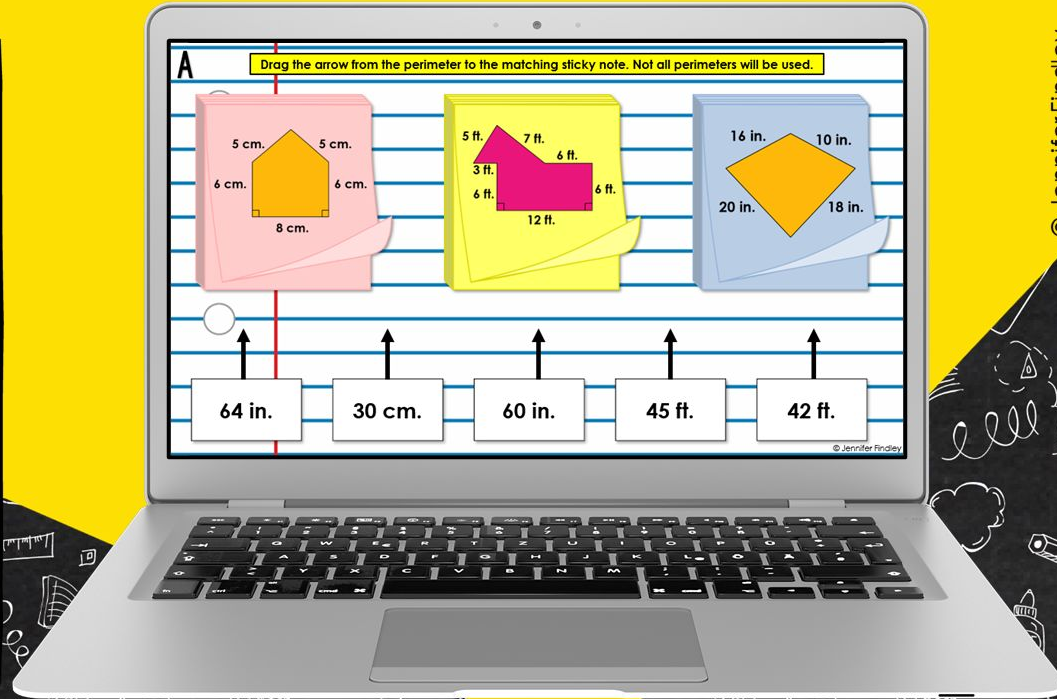
1		 inches
2		 inches
3		 inches
4		 inches

MEASURING PENCILS

5	 	 inches
6	 	 inches
7	 	 inches
8	 	 inches

STICKY NOTE PERIMETER

Directions: Determine the perimeter of the shape on each sticky note. Match each perimeter to each sticky note with the arrows.



STICKY NOTE PERIMETER

A Drag the arrow from the perimeter to the matching sticky note. Not all perimeters will be used.

Three sticky notes are shown with geometric shapes and their side lengths:

- Pink Sticky Note:** A house-shaped polygon with sides 5 cm, 5 cm, 6 cm, 6 cm, and 8 cm.
- Yellow Sticky Note:** A complex polygon with sides 5 ft, 7 ft, 6 ft, 6 ft, 12 ft, and 3 ft.
- Blue Sticky Note:** A diamond-shaped polygon with sides 16 in., 10 in., 18 in., and 20 in.

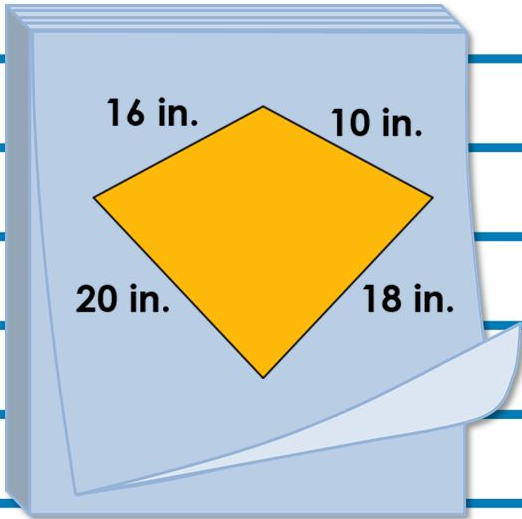
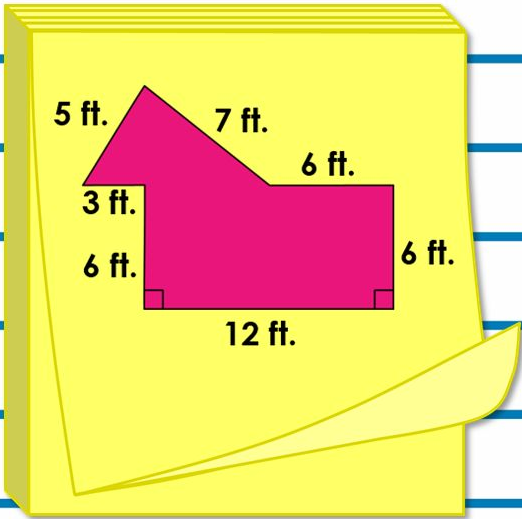
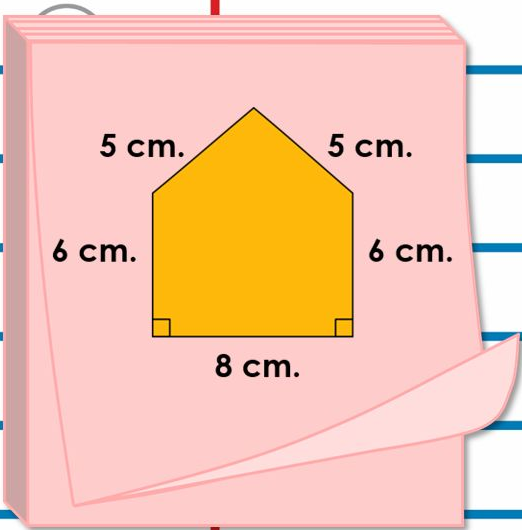
Below the sticky notes are five boxes with perimeters, each with an arrow pointing up to a sticky note:

- 64 in.
- 30 cm.
- 60 in.
- 45 ft.
- 42 ft.

© Jennifer Findley

A

Drag the arrow from the perimeter to the matching sticky note. Not all perimeters will be used.



64 in.

30 cm.

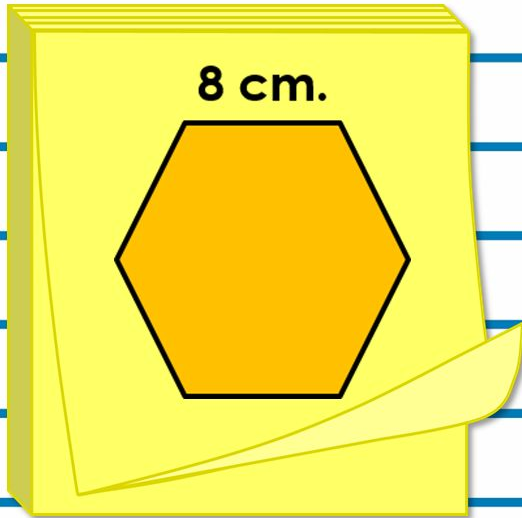
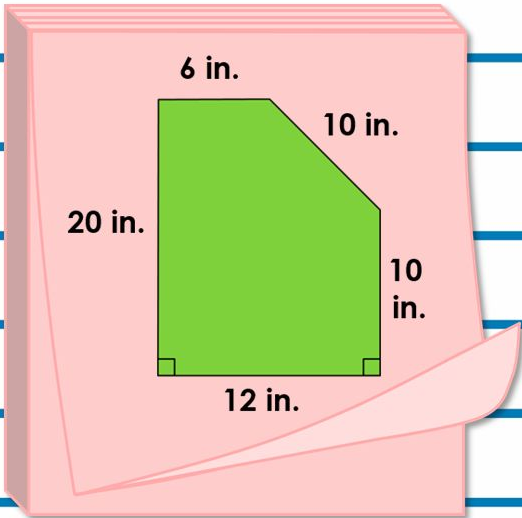
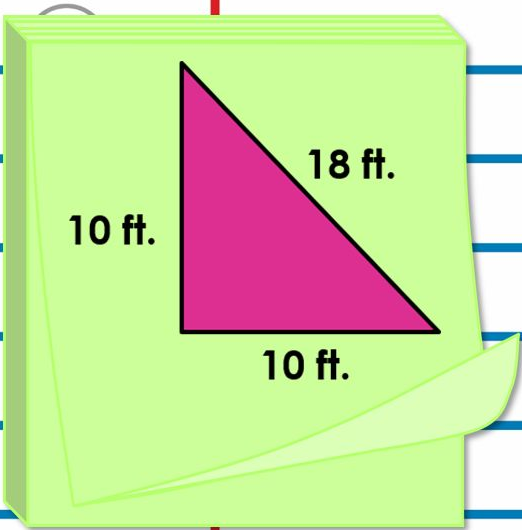
60 in.

45 ft.

42 ft.

B

Drag the arrow from the perimeter to the matching sticky note. Not all perimeters will be used.



48 in.

58 in.

28 ft.

38 ft.

48 cm.