

## **Fifth Grade Summer Math Practice**

Summer is a wonderful time to relax and have fun! It is also the perfect time to stay sharp and practice your math skills!

This year all math work is being assigned digitally on Google Classroom. Students who were enrolled in 4th grade at MAPS during the 2023-2024 school year have already been added to this summer classroom and given directions. If your child still needs to join our classroom use the following code-

Google Classroom code is: **5zu3c57**

If your child does not have access to technology over the summer, please print a copy attached, or pick up a hard copy in the main office. These assignments will be due on Monday, September 9th and will count as a homework grade. Please feel free to email us with any questions. Have a great summer!

Best,

Danielle Brinkofski & Michele Chow

[dbrinkofski@mtarlingtonk8.org](mailto:dbrinkofski@mtarlingtonk8.org)

[mchow@mtarlingtonk8.org](mailto:mchow@mtarlingtonk8.org)

Fifth Grade Math Teachers



# BACK TO SCHOOL

## MATH CENTERS

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### 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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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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PLACE VALUE RIDDLES

2

- 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.



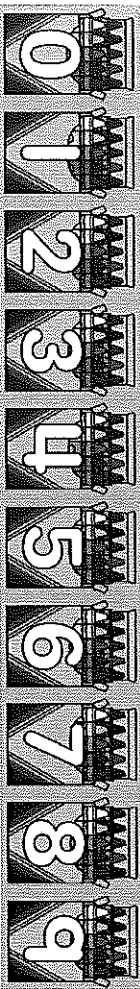
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PLACE VALUE RIDDLES

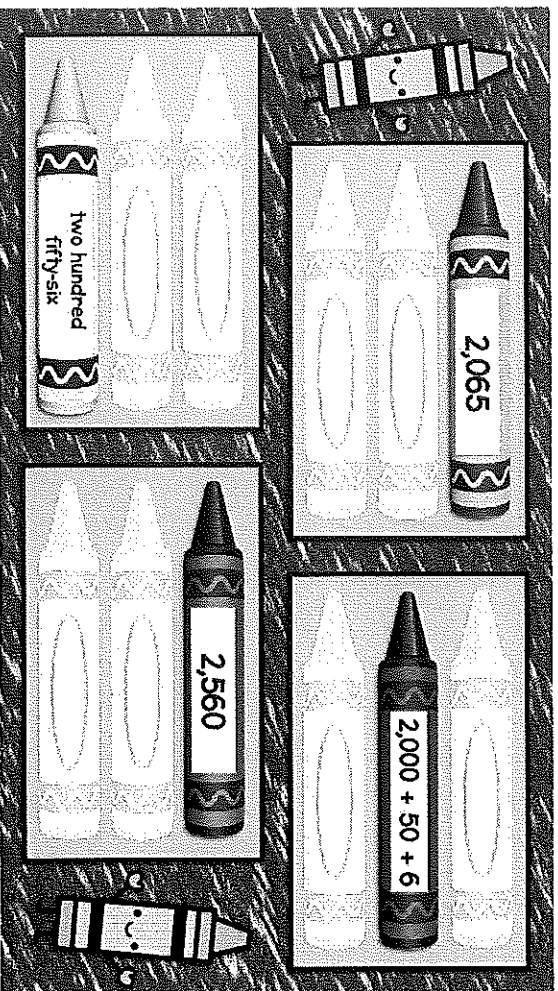


- The digit in the ones place is a 1.
- The value of the digit in the hundreds place is 200.
- There are 5 thousands.
- There is a 9 in the tens place.

Build the  
number being  
described.



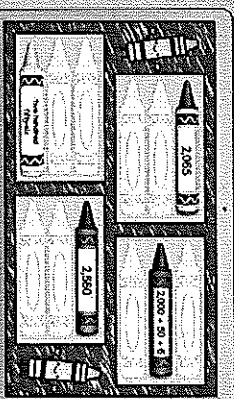
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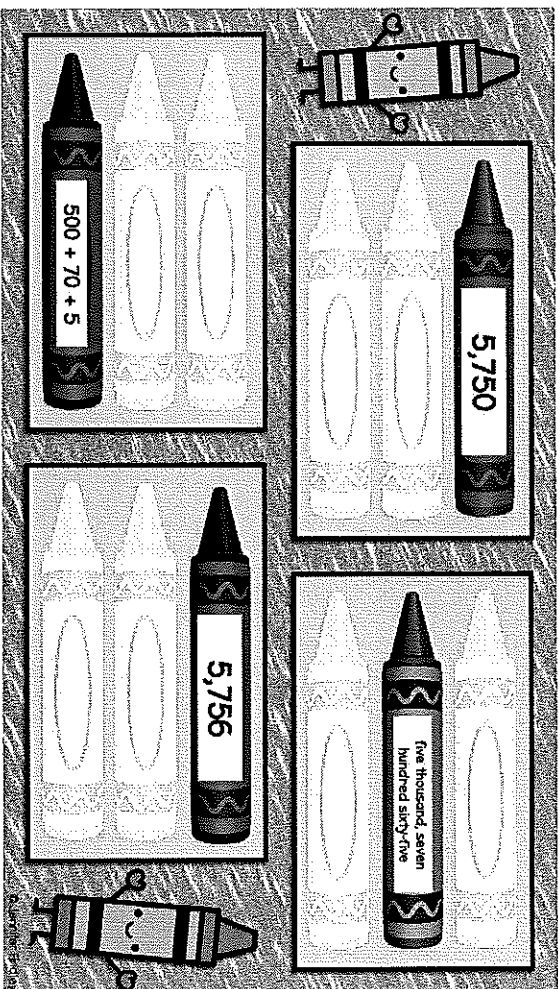
## CRAYON MATCH-UP



**Directions:**  
Match the  
crayons that  
represent the  
same number.



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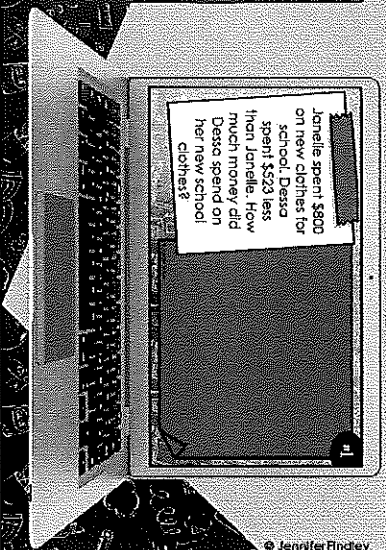


# SCHOOL-THEMED WORD PROBLEMS



## Directions:

Read and solve each word problem.



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#1

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?

#2

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

#3

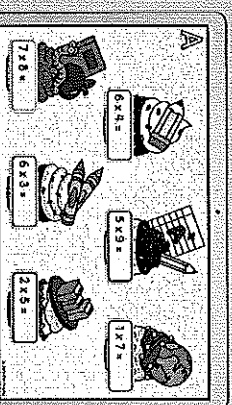
Ms. Gregory spent \$268 on her daughter's school uniforms and \$39 on school supplies. How much more did Ms. Gregory spend on the uniforms?



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


 $2 \times 4 =$


 $3 \times 9 =$


 $4 \times 8 =$


 $4 \times 3 =$


 $2 \times 7 =$


 $7 \times 5 =$

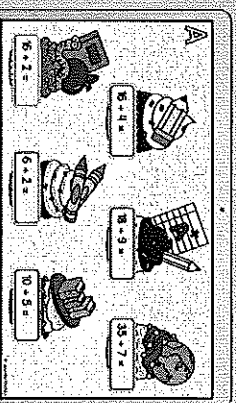
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DIVISION

# BACK-TO-SCHOOL CUPCAKES

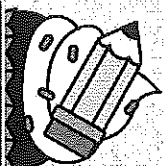
BACK TO SCHOOL MATH CENTERS

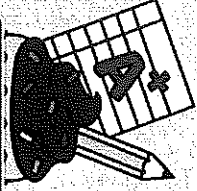
**Directions:** Solve the equation shown on each cupcake. Type your answers in the text boxes.



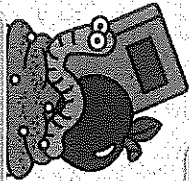
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A


 $16 \div 4 =$


 $18 \div 9 =$


 $35 \div 7 =$



 $16 \div 2 =$


 $6 \div 2 =$


 $10 \div 5 =$

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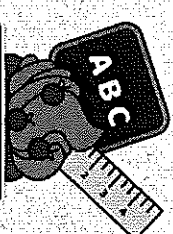
B


 $12 \div 6 =$


 $12 \div 2 =$


 $24 \div 8 =$


 $27 \div 9 =$


 $14 \div 7 =$


 $21 \div 3 =$

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C



$$24 \div 4 = \dots$$



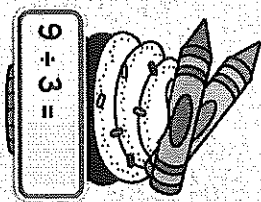
$$8 \div 2 = \dots$$



$$15 \div 5 = \dots$$



$$8 \div 8 = \dots$$



$$9 \div 3 = \dots$$



$$20 \div 5 = \dots$$

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# 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:

**1**

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

ANSWER:

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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

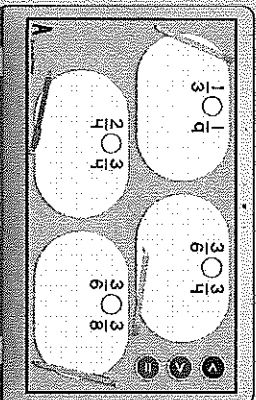
Crayons come in packs of 8. How many crayons will be in 7 packs?

ANSWER:

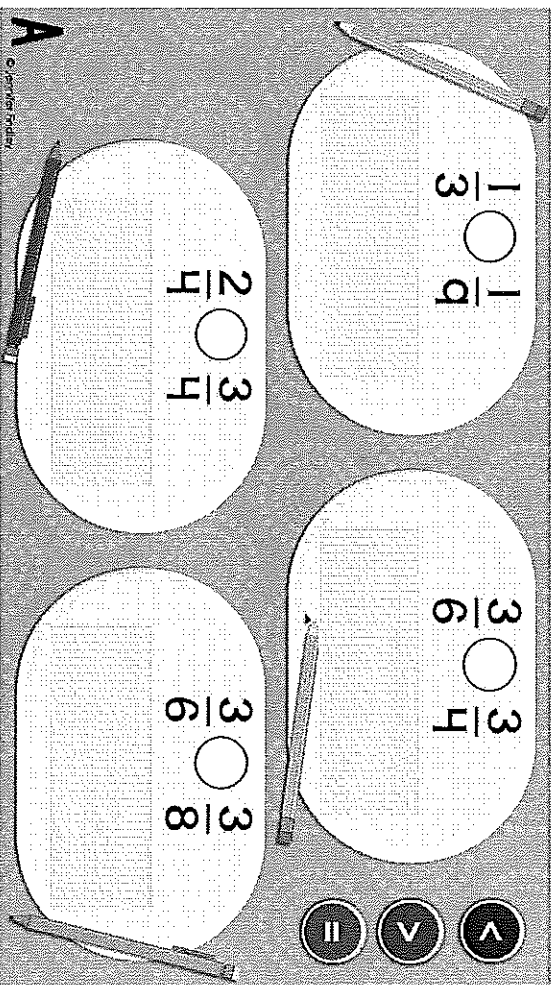
# COMPARING FRACTIONS

BACK TO SCHOOL MATH CENTERS

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



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A  
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**B**

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

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

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

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

< > =

**C**

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

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

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

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

< > =

**BACK TO SCHOOL MATH CENTERS**




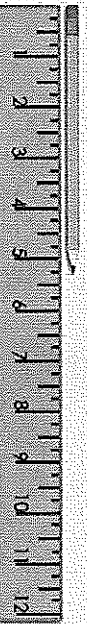
# MEASURING PENCILS

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

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MEASURING PENCILS	
1	
2	
3	
4	

# MEASURING PENCILS

1		Inches
2		Inches
3		Inches
4		Inches

© Jennifer Findley

# MEASURING PENCILS

5		<input type="text"/>	Inches
6		<input type="text"/>	Inches
7		<input type="text"/>	Inches
8		<input type="text"/>	Inches

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# STICKY NOTE PERIMETER

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

**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.

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BACK TO SCHOOL MATH CENTERS

# STICKY NOTE PERIMETER

BACK TO SCHOOL MATH CENTERS

**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.

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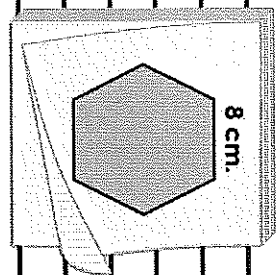
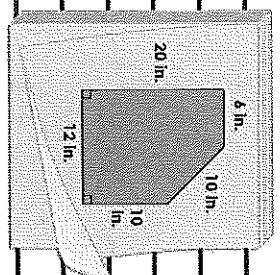
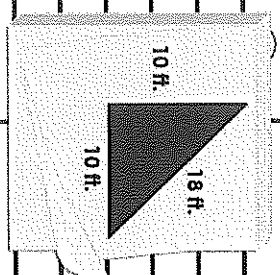
**A**

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.

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**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.