

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 1	9	6	9
8	1	9	2
7	6	3	1
4	4	5	FINISH SUM: 28

1 + 9 + 1 + 9 + 3 + 5 =
28

START 3	14	7	19
4	7	6	18
12	17	16	FINISH SUM: 76

3 + 4 + 12 + _____ + _____ +
_____ + _____ = 76

START 7	6	7	7
9	7	9	7
8	8	6	7
6	7	8	FINISH SUM: 55

7 + 6 + 7 + _____ + _____ + _____ +
_____ + _____ = 55

START 1	7	9	6
7	2	5	8
4	8	8	4
6	3	3	FINISH SUM: 47

Did you find a path? Write the equation.

Name: _____

Mental Math

— #1 —

☞ Start with the number 480.

480



☞ Add the digits in your number. The sum of that is your new number.

3 2 2 3 7 2 1 2 6 1 (Circle your answer to double check you are correct.)

☞ Divide that number in half.

4 6 7 2 8 5 3 2 6 4

☞ Add the number of dimes in a dollar.

3 8 8 1 1 6 4 4 2 8

☞ Multiply by 10.

1 5 7 3 2 1 6 0 8 3

☞ Increase that number by 5.

1 4 4 1 6 5 2 7 5 2

☞ Add half of 32.

1 8 1 6 7 8 5 3 9 4

☞ Add one-fourth of a dozen.

9 2 1 8 4 6 4 5 6 1

☞ Add half of 38.

8 9 2 0 3 7 7 8 9 3

☞ Add the number of cups in 1 quart.

2 0 7 1 5 2 1 3 2 6

☞ Add the digits in your number. The sum of that is your new number.

7 5 1 6 2 9 8 3 9 2

Name: _____

The equation $c + 136 = 265$ describes the number of children and adults at the Fish Tank Floor Show yesterday. If 136 is the number of adults that attended the show, then how many children were at the show?

Alex drew a rectangle that was 7 inches wide and 13 inches long. Inside the rectangle he drew a triangle. What is the area of the largest triangle he could draw inside the rectangle? (Use only whole numbers for measurements.)

Write as a fraction in simplest form.

$$\frac{2}{5} + \frac{1}{6} + \frac{3}{10} = \underline{\hspace{2cm}}$$

$$\frac{2}{5} + \frac{1}{6} + \frac{7}{15} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{1}{6} + \frac{1}{8} = \underline{\hspace{2cm}}$$

Which two of these numbers have a product of 5.104?

0.37

0.58

0.88

0.058

0.037

8.8


3.7

0.088

Name: _____


Pay the bill!

Pam received a bill from Central Water for \$280.54. Write the check as Pam would write it.

PAM	1052
DATE _____	
PAY TO THE ORDER OF _____ \$ 	
_____ DOLLARS	
MEMO _____	
	

Pay the bill!

Pam needs money. She wants to get \$120 in cash, so she writes a check payable to cash in this amount. Write this check.

PAM	1053
DATE _____	
PAY TO THE ORDER OF _____ \$ 	
_____ DOLLARS	
MEMO _____	
	

Write the reciprocal.

$$\frac{1}{2}$$

Write the reciprocal.

$$\frac{13}{20}$$

Write the reciprocal.

11

It was 90 degrees outside. What would the temperature be if it got 18 degrees colder?

$$4 \times 9 + 1 + 2$$

It was 8 degrees above zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

Name: _____

Pay the bill!

Rosa received a bill for her cellphone from Mobile Unlimited for \$68.66. Write the check as Rosa would write it.

ROSA

1058

DATE _____

PAY TO THE
ORDER OF _____\$

DOLLARS

MEMO _____

⑆998 224 366⑆

⑈45657⑈

1058

Pay the bill!

Rent is due. Rosa needs to pay her landlord \$3,700. Her landlord's name is Emma Johnson.

ROSA

1059

DATE _____

PAY TO THE
ORDER OF _____\$

DOLLARS

MEMO _____

⑆998 224 366⑆

⑈45657⑈

1059

$$6 \div \frac{1}{9}$$

A toy car can go 4 mph. How long would it take to go 10 miles?

E, K, F, N, _____, Q, H, T,
I, W

How many centimeters in 450.7 meters?

$$7\frac{3}{5} + 8\frac{3}{5}$$

How many centimeters in 5.3 meters?

Name: _____

<p>Mr. Johnson is trying the latest fad diet. He has to choose one food from each of three lists. There are six vegetables on the first list, three meats on the second list, and five fruits on the third list. How many different combinations of foods are there?</p>	<p>Max is painting two stripes on the sleeves of his white t-shirt. He can use red, blue, yellow, or purple paint. How many different ways can he paint the stripes if the order is important?</p>	<p>Posters for Children's Book Week come in packages of 30. If each package costs \$8.15, how much will be spent on posters?</p>
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<p>Rewrite these in increasing order of length: 911 dm, 967 km, 135 cm, 7 m</p>	<p>$3 \times 12 =$ _____</p>	<p>$22 \div 2 =$ _____</p>
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$\begin{array}{r} 832 \\ - 733 \\ \hline \end{array}$	<p>What should replace the F in this equation? $17 \times 14 + F = 261$</p>	$\begin{array}{r} 45 \\ + 25 \\ \hline \end{array}$
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<p>Hannah rolls a die. What is the chance of her rolling a 3? _____</p>	<p>$2 \times 12 =$ _____</p>	<p>$1 \text{ cm} = 10 \text{ mm}$ $13 \text{ cm} =$ _____ mm</p>
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Name: _____

<p>In the number 16,605,881,931, the digit 0 is in what place?</p> <p>_____</p>	<p>$4,572 - 1,841 =$ _____</p>
<p>Fill in the missing operations to complete this equation:</p> <p>$20 \text{ _____ } 10 \text{ _____ } 24 = 26$</p>	<p>Circle the addition property for $60 + 60 = 60 + 60$.</p> <p style="text-align: center;"> <input type="checkbox"/> associative property <input type="checkbox"/> commutative property </p>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $\begin{array}{r} 57 \\ - 15 \\ \hline \end{array}$ </div> <div style="width: 45%;"> $12 \times 4 =$ _____ </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $\begin{array}{r} 284 \\ + 284 \\ \hline \end{array}$ </div> <div style="width: 45%;"> $2 \times 7 =$ _____ </div> </div>
$7 \times 4 =$ _____	$55,642 + 14,765 =$ _____
$27 \div 3 =$ _____	$21 \text{ kg} =$ _____ g
$8,543 + 2,372 =$ _____	$45 \div 5 =$ _____
<p>Three cards cost \$12. At that rate, what is the cost of 6 cards?</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $6 \times 7 =$ _____ </div> <div style="width: 45%;"> <p>Emily got a new soccer shirt. Can you guess the number on the back of her shirt?</p> <p>It has two digits. The digits add up to 9. The larger digit is 1 more than the smaller digit. The number is even.</p> </div> </div>
$35 \div 5 =$ _____	
$24 \div 4 =$ _____	

Name: _____

$7 \times 4 =$ _____	How many ounces are in 4 pounds? _____ ounces	$10 \times 2 =$ _____
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<p>26% of 100 is 26. 26% of 200 is 52. 26% of 500 is 130.</p> <p>What is 26% of 900?</p>	<p>Write the missing family fact.</p> <p>$91 + 27 = 118$ $27 + 91 = 118$ $118 - 91 = 27$</p> <p>_____</p>	
	<table border="1"> <tr> <td>$6 \div 3 =$ _____</td> </tr> </table>	$6 \div 3 =$ _____
$6 \div 3 =$ _____		

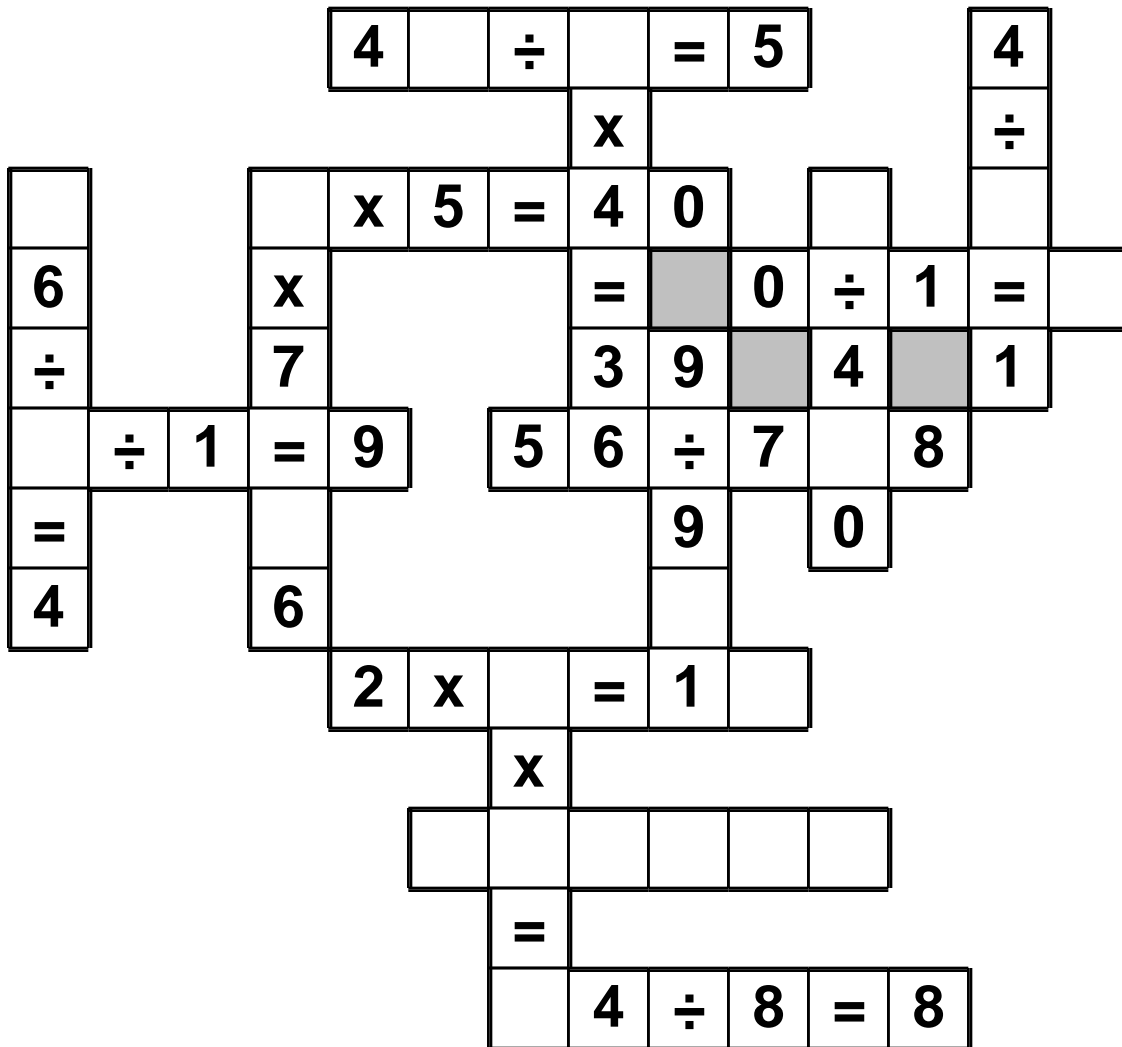
$(5 + 3) + 2 =$	$65,417 + 31,662 =$ _____
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<p>You cannot decide what pizza store to go to. Jenna's pizza cuts their pizza into 8 slices. Each slice costs \$4 each. Rose's pizza cuts their pizza into 3 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?</p>	<p>Holly is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The three digits add up to ten. The tens digit is 2 more than the units digit. One digit in her number is five. The units digit is 1 more than the hundreds digit.</p> <p>Are you going to get candy?</p>
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$50 \div 10 =$ _____	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>six hundred sixty-seven thousand, nine hundred ninety-three</p> <p>_____</p>	$10 \times 4 =$ _____
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<p>Circle the smallest number:</p> <p>3,901,576 64,500 842,950,461 3,782,198,372</p>
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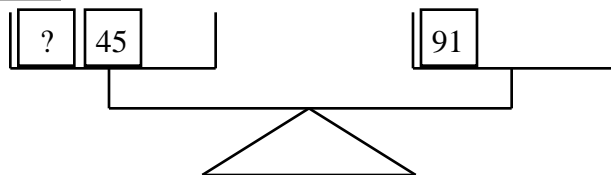
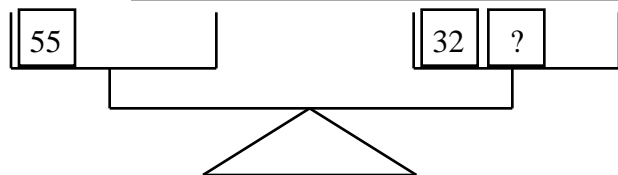
Use the pieces above to help you fill in the runaway math puzzle.



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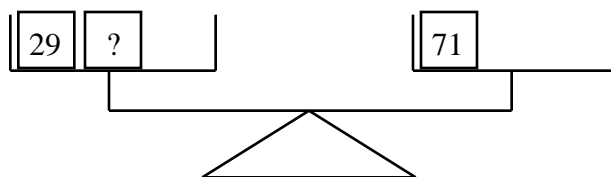
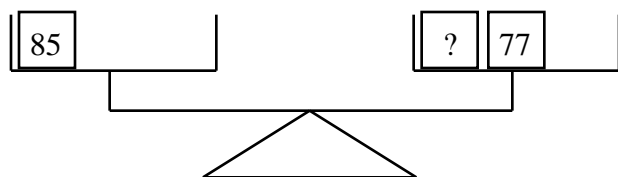
29,160,748,431
704,659,281
810,435,729,653
569,078

Name: _____



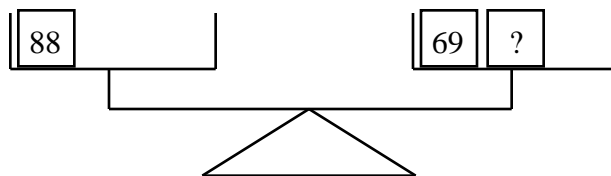
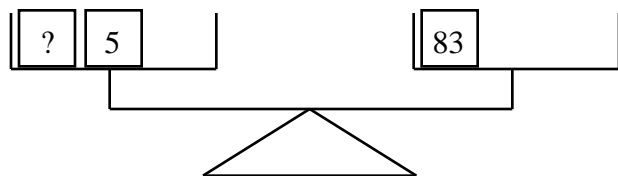
55 = 32 + 23

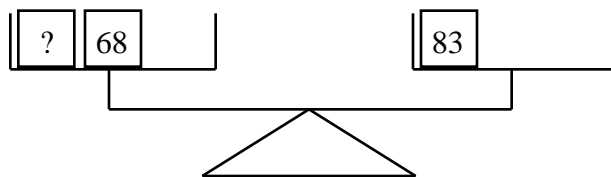
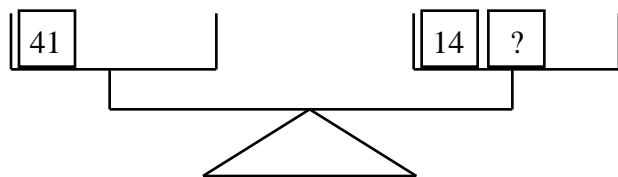
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 =

 =





Name: _____

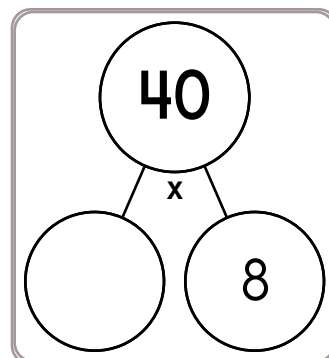
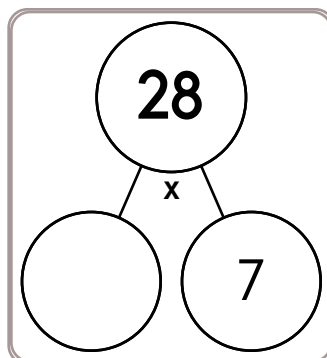
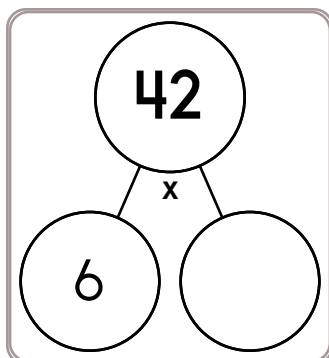
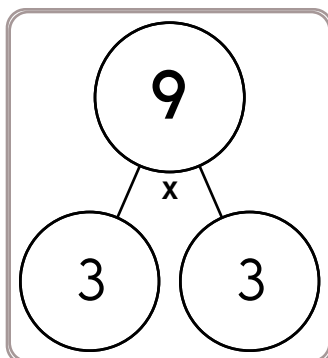
$\begin{array}{r} 81 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ - 8 \\ \hline \end{array}$
$\begin{array}{r} 96 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ - 4 \\ \hline \end{array}$



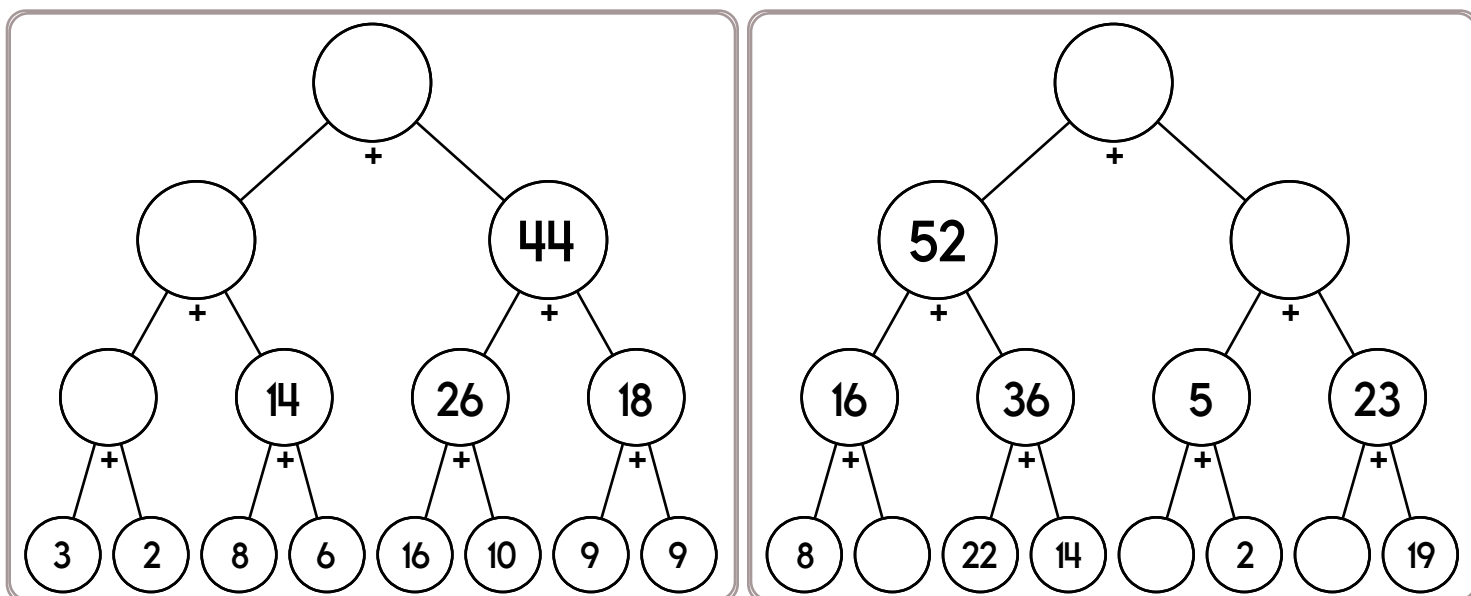
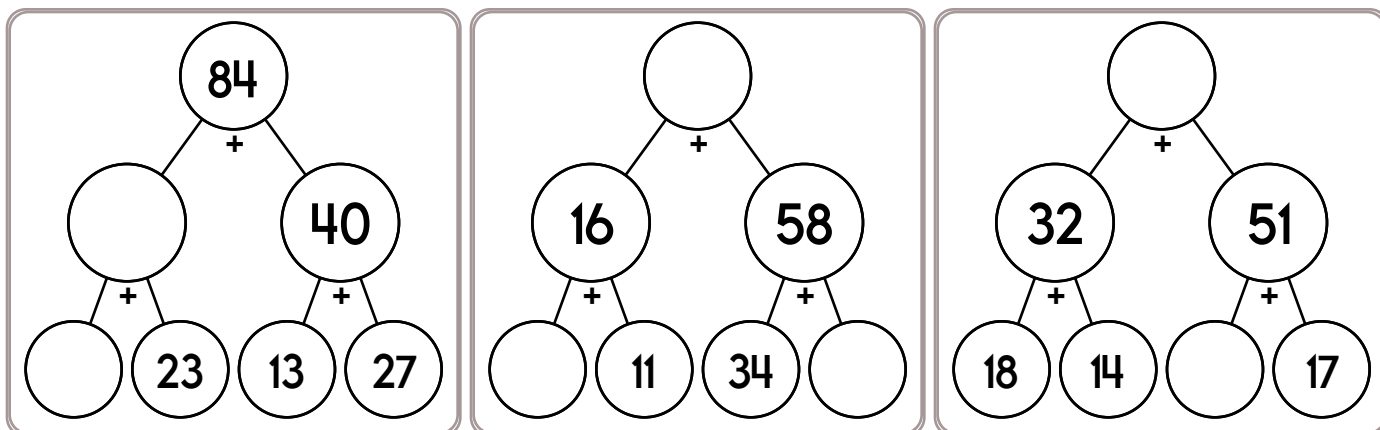
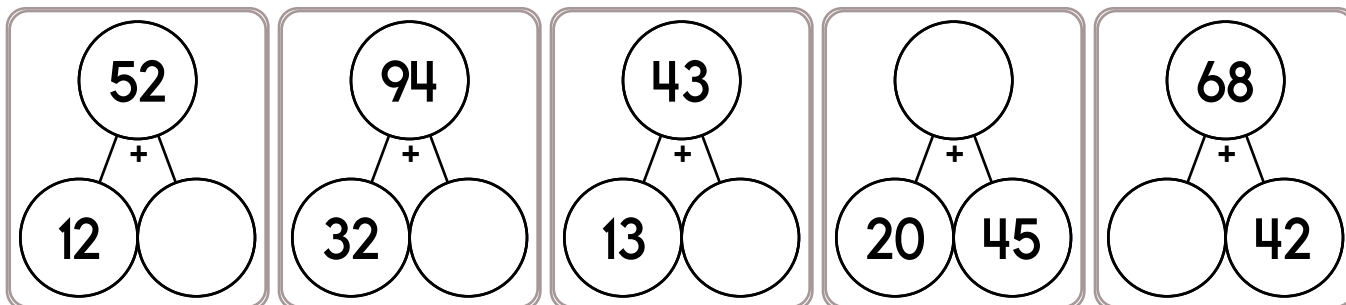
____ \div 6 = 45	____ \div 2 = 74
329 \div ____ = 47	205 \div ____ = 5
88 \div ____ = 44	____ \div 95 = 2
116 \div ____ = 58	____ \div 99 = 7



72 - 4 =	82 - 8 =	36 - 8 =
16 - 2 =	40 - 5 =	89 - 3 =
36 - 9 =	87 - 5 =	29 - 6 =
91 - 4 =	44 - 7 =	97 - 6 =



Name: _____



$$6 \overline{) 2.4}$$

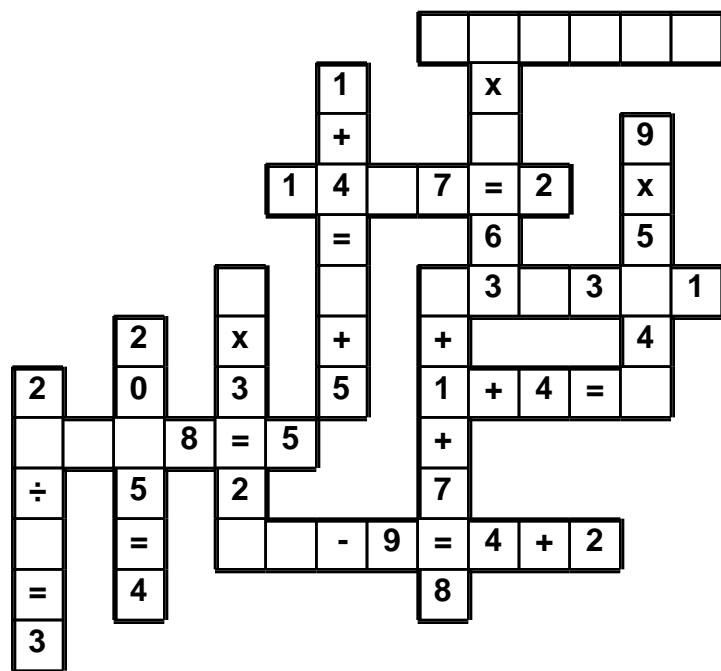
Change $\frac{7}{10}$ to a decimal.

Change $\frac{4}{8}$ to a decimal.

Name: _____

4 • 9 • ÷ • 7 • = • 7 • 7 • ÷ • 7 • 0 • 0 • ÷ • = • 5 • 4 • 0
÷ • 8 • 1 • 5

Use the pieces above to help you fill in the runaway math puzzle.



$$0.0002 \times 0.4$$

In what quadrant would you find the point $(-8, -3)$?

$$10 - 7 + 8 + 2 \times 10$$

A circle graph has five sections. Only four sections are labeled. The labels are 26%, 17%, 13%, and 11%. What should the missing section be?

Convert $72\frac{5}{6}$ to an improper fraction.

Crazy Hunter had pizza 15 days in the month of July. Approximately what percent of the month did he have pizza?

Name: _____

I am the largest whole number that rounds to 70 when rounding to the nearest ten.

Emily added two fractions together. She wrote the answer of $\frac{17}{18}$. Whoops, she realized she has to write out the entire equation. She remembered the two fractions had the numbers 9, 4, 4, and 2. But she forgot the equation. Write out the complete equation.

And be snappy!

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

A =plate
C =boldness
D =late
E =selfish
H =cut
I =cover
K =hope
N =paste
P =flame
R =permit
S =drive
T =surpass
U =dirty
W =capable
X =secure

Clue 1: steer clip dish tardy greedy steer
 s h _____

Clue 2: fire lid nerve exceed soiled allow greedy

Clue 3: able dish lock

Clue 4: steer exceed lid nerve wish

Clue 5: exceed lid glue exceed greedy tardy

What's in the Box? _____

$14 \div 7 = \underline{\hspace{2cm}}$	<p>Jacob took three numbers greater than 1 and multiplied them. One number was three and the other number was eleven. Of course, he forgot the last number, but he remembered the product was 257. Is this possible?</p>	
$3 \times 9 = \underline{\hspace{2cm}}$	<p>Rosa is older than Megan. Rosa is older than Emily. Who's the youngest?</p>	$12 \times 11 = \underline{\hspace{2cm}}$
$18 \div 3 = \underline{\hspace{2cm}}$	$10 \times 11 = \underline{\hspace{2cm}}$	



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