

Name: \_\_\_\_\_

Reduce  $\frac{16}{32}$  to its lowest terms.

$$4 + \frac{1}{3} - \frac{5}{7} =$$

Write the reciprocal.

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

$$\frac{1}{2} \times \frac{1}{8} =$$

$$\begin{array}{r} \frac{10}{11} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{7}{12} \\ - 1\frac{2}{3} \\ \hline \end{array}$$

$$3 - \frac{1}{2} =$$

$$19 + \frac{3}{5} + \frac{1}{3} =$$

Reduce  $\frac{28}{36}$  to its lowest terms.

$$\begin{array}{r} 8\frac{3}{9} \\ - 6\frac{5}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{1}{3} \\ + \frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{11} \\ + \frac{2}{11} \\ \hline \end{array}$$

Name: \_\_\_\_\_

One group (A) contains 175 people. One-fifth of the people in group A will be selected to win free tickets to a concert. There is another group (B) in a nearby town that will receive the same number of tickets, but there are 410 people in that group. What will be the ratio of non-winners in group A to non-winners in group B after the selections are made?

If seven out of fifteen skinks have stripes and the rest don't, what percent of the skinks do not have stripes out of a population of 124 skinks? Round your answer to the nearest tenth of a percent.

Jessica carefully monitored the temperature in a reaction flask as it was slowly heated in a heating blanket. The temperature rose 15 degrees in 5 minutes. What was the rate of temperature rise in degrees per minute?

Whoozits are weird. They can be broken into any fractional part desired and then later be reassembled without harm. Sometimes even fractional parts of whoozits are shipped around the country to be assembled with other fractional parts to make new whole whoozits. SLUGCO had 62.6 whoozits they needed to ship to Timbuktu. Someone decided the easiest way to do it would be to put the same amount of whoozits in each box. If they had twenty-five boxes, how many whoozits would go in each box?

Erin and her father went to Paulo's Pizzeria for pizza with everything except anchovies. The pizza was divided into ten slices. Erin's father ate two-fifths of the pizza. Erin ate the rest. How many slices of pizza did Erin eat?

Uh-oh, rats have moved into Mr. Bloop's backyard. If the colony has 5 members now but doubles in size every year, how many rats might there be in Mr. Bloop's backyard after three years?

Name: \_\_\_\_\_

Draw a line to match each problem with the same answer.

18% of 200



20% of 180

66% of 200



64% of 125

56% of 25



25% of 56

28% of 150



92% of 25

81% of 100



54% of 150

88% of 150



70% of 60

47% of 100



94% of 50

23% of 100



80% of 100

What is the least common multiple of 4 and 7?

$$x - 13 = 4$$

What is the greatest common factor of 24 and 12?

$$36 \div 4 \times 11$$

96 divided by 12 equals

Know how many inches in a foot? Okay, smarty pants, how many inches in 8 feet?

Write the missing family fact.

$$5 \times 16 = 80$$

$$80 \div 16 = 5$$

$$16 \times 5 = 80$$

What is the area of a rectangle with sides 2 cm and 10 cm?

How much time is it from 7:00 a.m. to 10:40 a.m.?

$$12 \text{ kg} = \text{_____} \text{ g}$$

$$8,868 + 8,233 = \text{_____}$$

Name: \_\_\_\_\_

|   |  |   |
|---|--|---|
| Robert wanted to buy a model car that was on sale for \$9.50. He procrastinated too long and 3 weeks later the car cost 20% more than the sale price. How much money did Robert waste by procrastinating? | Columbus would have taken some live animals aboard for food sources. If there were one hundred thirty-seven animals, of which eighty-nine were rabbits and the rest were chickens, what percentage of the animals were chickens? Round your answer to the nearest percent. | Rosa was bored. She found her little sister and offered to read a book to her. She read to her sister for an hour and 49 minutes. If Rosa started reading at 2:23 p.m., what time did she stop reading? |
|---|--|---|

|                 |   |  |
|-----------------|---|--|
| $10 \times 7 =$ | $\begin{array}{r} 809 \\ - 597 \\ \hline \end{array}$ | Jack has two quarters and one dime. He also has one other coin that is different from the rest of his coins. How much could he have? |
|-----------------|---|--|

|                      |  |   |   |
|----------------------|--|---|---|
| $6 \times 8 =$ _____ | Circle the addition property for $29 + 127 = 127 + 29$ .<br>associative property<br>commutative property | $\begin{array}{r} 51 \\ - 16 \\ \hline \end{array}$ | $14 \div 7 =$ _____<br>$5 \times 7 =$ _____ |
|----------------------|--|---|---|

|   |   |   |
|---|---|---|
| What number is halfway between 28 and 35? | Circle the digit in the hundredths place.<br>56.256 | $\begin{array}{r} 49 \\ + 28 \\ \hline \end{array}$ |
|---|---|---|

Name: \_\_\_\_\_

The vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

|                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | R                    | P                    | <input type="text"/> | R                    | F                    | <input type="text"/> | C                    | T                    |
| S                    | <input type="text"/> | L                    | <input type="text"/> | N                    | C                    | <input type="text"/> | T                    | L                    | P                    |
| F                    | F                    | <input type="text"/> | N                    | D                    | W                    | <input type="text"/> | D                    | T                    | H                    |
| <input type="text"/> | <input type="text"/> | D                    | L                    | <input type="text"/> | C                    | <input type="text"/> | T                    | <input type="text"/> | <input type="text"/> |
| <b>I</b>             | <b>N</b>             | <b>D</b>             | <b>I</b>             | <b>G</b>             | <b>N</b>             | <b>A</b>             | <b>N</b>             | <b>T</b>             | R                    |
| C                    | <input type="text"/> | N                    | <input type="text"/> | L                    | M                    | M                    | N                    | M                    | C                    |
| L                    | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | S                    | <input type="text"/> | W                    | H                    |
| <input type="text"/> | N                    | <input type="text"/> | D                    | M                    | Y                    | L                    | <input type="text"/> | N                    | <input type="text"/> |
| T                    | L                    | S                    | L                    | <input type="text"/> | <input type="text"/> | T                    | <input type="text"/> | R                    | R                    |
| H                    | F                    | Y                    | <input type="text"/> | R                    | R                    | T                    | G                    | <input type="text"/> | D                    |

WIDTH • FIND • ORCHARD • IDLE  
CLOTH • SILENCE • MAYOR • PERFECT  
LAME • INDIGNANT • LOCATE  
NOISY

$33 \div 11 = \underline{\hspace{2cm}}$

$11 \times 11 = \underline{\hspace{2cm}}$

$6 \times 11 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 348 \\ + 376 \\ \hline \end{array}$$

$(4 + 8) + 5 = \underline{\hspace{2cm}}$

How many yards are in 27 feet?

           yards

Which is the better buy? Five bags of candy for \$25 or seven bags of candy for \$63?

$6 \times 9 = \underline{\hspace{2cm}}$

$1 \text{ cm} = 10 \text{ mm}$

$22 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

$8 \times 2 = \underline{\hspace{2cm}}$

$8 \times 11 = \underline{\hspace{2cm}}$

$63 \div 7 = \underline{\hspace{2cm}}$

$9 \times 7 = \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

|   |  |
|---|--|
| <p>Amanda is younger than Anna. Amanda is younger than Wendy. Who's the oldest?</p> | <p>27% of 100 is 27.<br/>27% of 200 is 54.<br/>27% of 500 is 135.</p> <p>What is 27% of 900?</p> |
| <p><math>70 \div 7 =</math> _____</p>   |  |

|   |   |  |
|---|---|--|
| <p><math>12 \times 5 =</math> _____</p> | <p>What is the largest possible product of a two-digit number and a three-digit number? Show the two numbers.</p> | <p><math>10 \times 11 =</math> _____</p> |
|---|---|--|

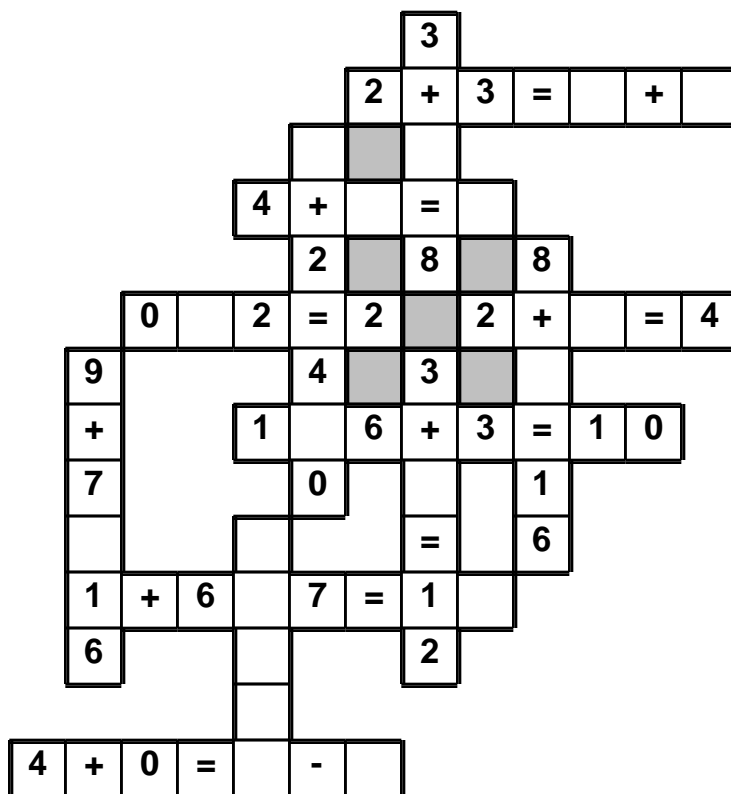
|   |  |                                       |
|---|--|---------------------------------------|
| <p>Write the numbers 45 to 60 on a sheet of paper. How many of these numbers are divisible by 5?</p> <p>_____</p> | <p>What time is 16 hours after 3:00 a.m.?</p> <p>_____</p> | <p><math>36 \div 4 =</math> _____</p> |
|---|--|---------------------------------------|

|  |                                       |   |
|--|---------------------------------------|---|
| <p><math>11 \times 12 =</math> _____</p> | <p><math>50 \div 5 =</math> _____</p> | <p>Pick a month. Can you make up a calendar for your month with four Fridays? Show your calendar below:</p> |
|--|---------------------------------------|---|

Name: \_\_\_\_\_

5 • 0 • 2 • 5 • 1 • 5 • + • 2 • 8 • + • 9 • = • 1 • + • 4 • 5  
= • 6 • 2

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



Jessica took three numbers greater than 1 and multiplied them. One number was seven and the other number was eighteen. Of course, she forgot the last number, but she remembered the product was 756. Is this possible?

$$33,744 + 63,935 = \underline{\hspace{2cm}}$$

$$7 \times 9 = \underline{\hspace{2cm}}$$

$$48 \div 6 = \underline{\hspace{2cm}}$$

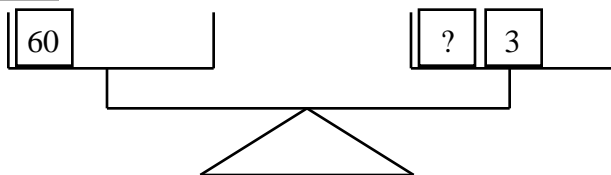
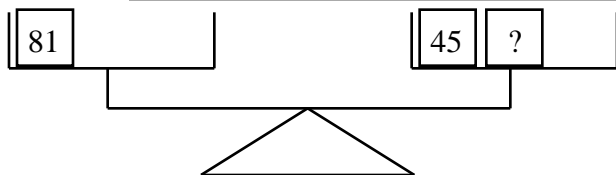
Write this as a number in standard form.  
Use a comma in your number.

nine hundred twenty-one thousand, two hundred twenty-eight

$$9 \times 12 = \underline{\hspace{2cm}}$$

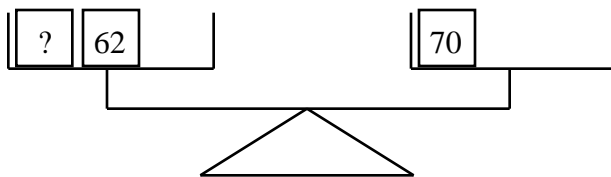
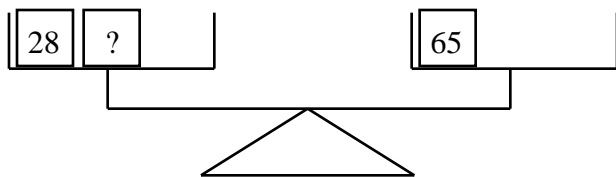
$$5 \times 12 = \underline{\hspace{2cm}}$$

Name: \_\_\_\_\_



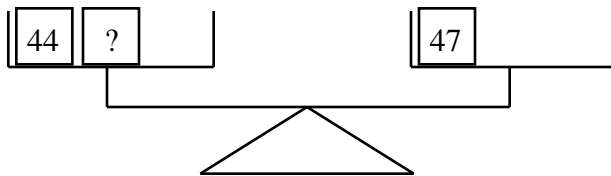
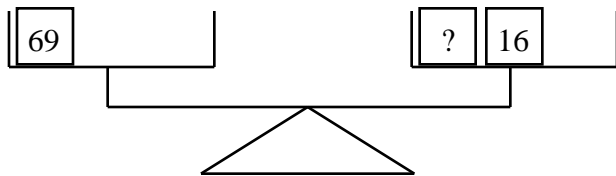
81 = 45 + 36

        =



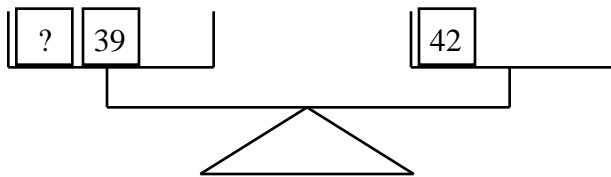
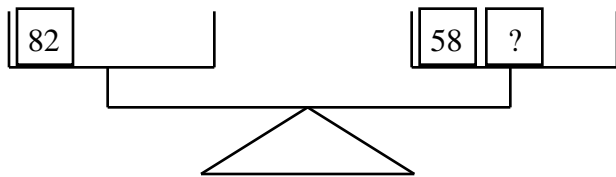
        =

        =





Name: \_\_\_\_\_

Ready to make equations? There is a missing equation in each box.  
Circle the numbers once you find it!

**A**

|    |    |    |
|----|----|----|
| 72 | 91 | 69 |
| -  | 52 | 86 |
|    | 77 | 66 |
|    | 1  | 48 |

47

Find a subtraction fact.

**B**

|    |    |    |
|----|----|----|
| 36 | 90 | 43 |
| +  | 67 | 99 |
|    | 78 | 57 |
|    | 74 | 69 |

4

Find an addition fact.

**C**

|    |    |    |
|----|----|----|
| 45 | 66 | 90 |
| -  | 75 | 47 |
|    | 17 | 95 |
|    | 60 | 20 |

63

Find a subtraction fact.

Equations:

Write the equation facts you found.

A

|   |   |  |   |    |
|---|---|--|---|----|
|   | - |  | = | 47 |
| B | + |  | = |    |
| C | - |  | = |    |

5 x 8 = \_\_\_\_\_

90 ÷ 9 = \_\_\_\_\_

Can 385 be evenly divided by 5? Circle:  
385 is evenly divisible by 5  
385 is NOT evenly divisible by 5

10 x 4 = \_\_\_\_\_

Name: \_\_\_\_\_

Change to a percent.  
0.6

Change to a decimal.  
66%

Change to a percent.

$$\frac{907}{100}$$

$$\frac{N}{41} = 28$$

$$11y = 22$$

$$\frac{96}{N} = 12$$

An angle measures  $20^\circ$ .  
What would you call this  
angle?

Sketch an obtuse angle  
named  $\angle DEF$ .

What kind of angle has  
a measure of between  
 $0^\circ$  and  $90^\circ$ ?

Write as a decimal.

$$\frac{7}{10}$$

Write as a decimal.  
Seventeen and eight tenths

Write as a decimal.  
Twenty-eight hundredths

Change  $\frac{16}{20}$  to a  
decimal.

Change  $\frac{3}{10}$  to a  
decimal.

Change  $\frac{3}{8}$  to a  
decimal.

Name: \_\_\_\_\_

$$69 + 43 =$$

Find the sum of 27 and 58.

$$\begin{array}{r} 675,935 \\ - 21,348 \\ \hline \end{array}$$

$$16 + \frac{1}{2} - \frac{1}{4} =$$

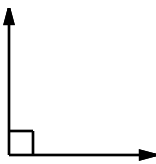
Reduce  $\frac{2}{44}$  to its lowest terms.

Reduce  $\frac{8}{24}$  to its lowest terms.

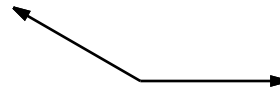
$$\begin{array}{r} 19 \\ \times 3 \\ \hline \end{array}$$

Find the product of 74 and 9.

$$\begin{array}{r} 85 \\ \times 14 \\ \hline \end{array}$$



What kind of angle is this?



What kind of angle is this?

$$\begin{array}{r} 18.5 \\ - 1.26 \\ \hline \end{array}$$

$$\begin{array}{r} 0.6 \\ 0.2 \\ + 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 0.95 \\ - 0.357 \\ \hline \end{array}$$

Name: \_\_\_\_\_

Draw a line to match each problem with the same answer.

22% of 200

92% of 75

37% of 100

49% of 200

55% of 80

15% of 200

70% of 140

99% of 100

46% of 150

50% of 60

50% of 74

66% of 150

31% of 100

62% of 50

100% of 196

98% of 200

C, F, \_\_\_\_\_, L, O, R,  
U, X

Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

It was 4 degrees below zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?

How many minutes is it from 8:00 a.m. to 11:15 a.m.?

$3 + 3 + 8 - 8$

How many meters are there in 44 kilometers?

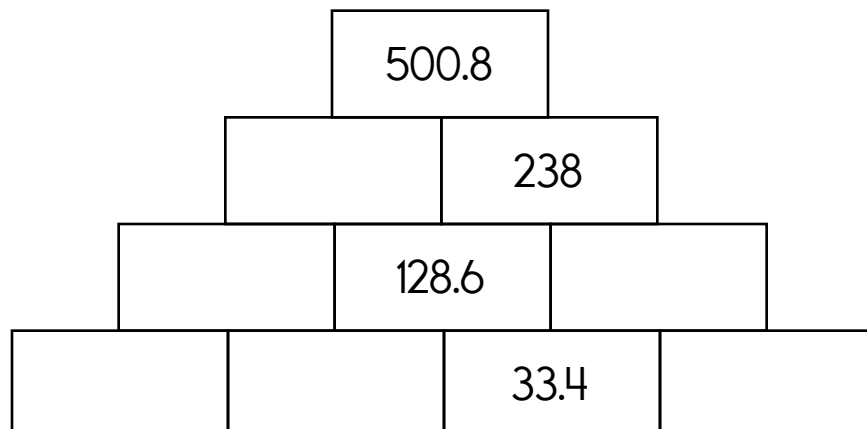
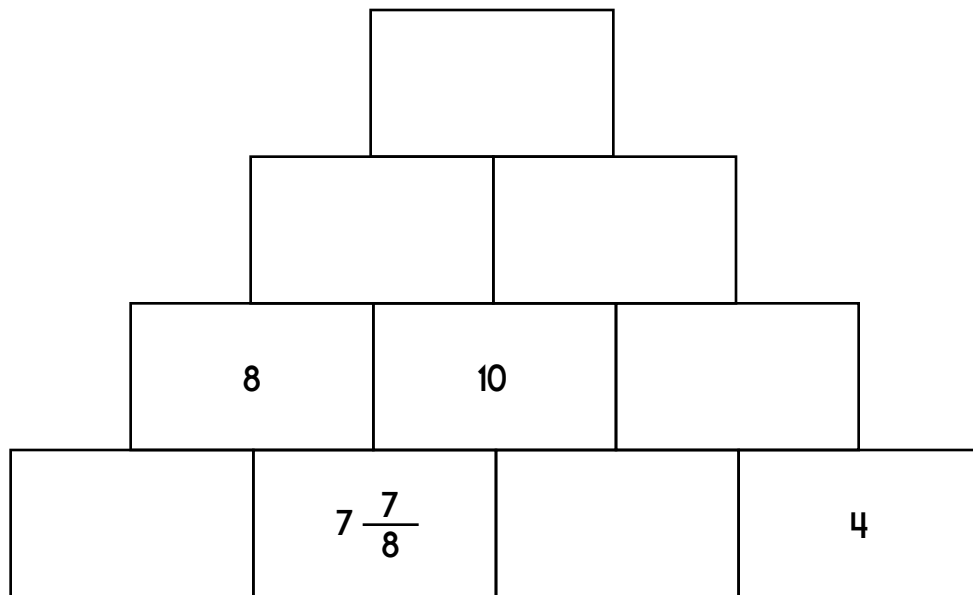
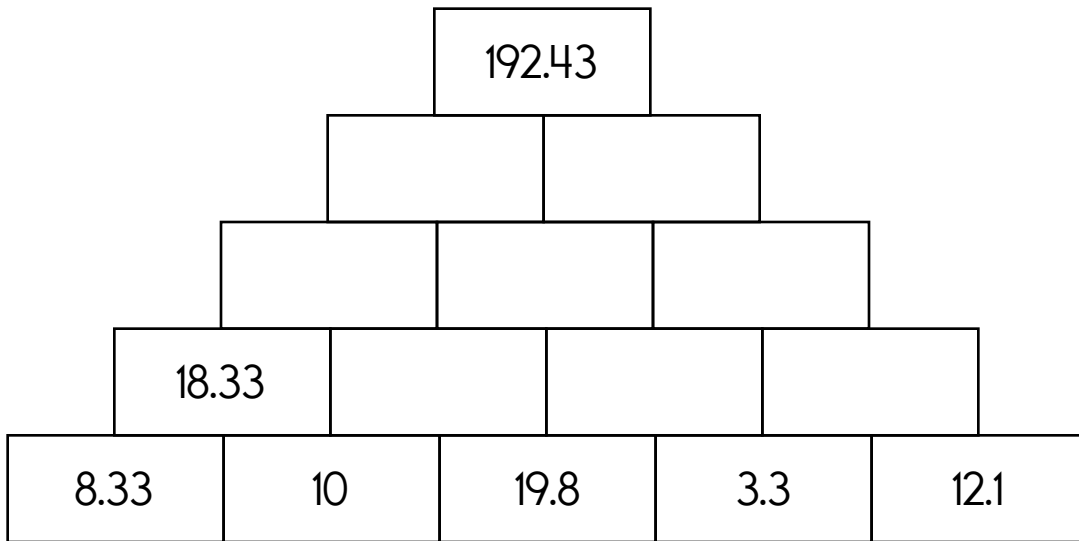
It was 7 degrees above zero in the morning. By afternoon the temperature rose 29 degrees. How warm was it?

32, 51, \_\_\_\_\_, 89, 108,  
127, 146, 165

54 divided by 6 equals

Name: \_\_\_\_\_

The block above is the sum of the two blocks below. Fill in the missing blocks.



Name: \_\_\_\_\_

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted sends an average of 76 texts in only 6 minutes. At precisely 3:25 Ted finally sat down outside of school to play his phone. He played his phone until 3:58 when his phone ran out of power. How many texts do you think Texty Ted sent?

In each group, use 4 of the numbers to make a proportion.

38      3      49      6      14      7


10      16      64      34      136      40

Holly rode her bike for 45 minutes. She went 5.4 miles. What is her speed in miles per hour?

Name: \_\_\_\_\_


**Pay the bill!**

Rent is due. Jack needs to pay his landlord \$2,800. His landlord's name is Maria Hernandez.

|  |   |
|--|---|
| JACK   | 1836  |
|  | DATE _____                                    |
| PAY TO THE ORDER OF _____  | \$ <input style="width: 100px;" type="text"/> |
| _____  | DOLLARS                                       |
| MEMO _____   |   |
|  |   |

**Pay the bill!**

Jack needs money. He wants to get \$60 in cash, so he writes a check payable to cash in this amount. Write this check.

|  |   |
|--|---|
| JACK   | 1837  |
|  | DATE _____                                    |
| PAY TO THE ORDER OF _____  | \$ <input style="width: 100px;" type="text"/> |
| _____  | DOLLARS                                       |
| MEMO _____   |   |
|  |   |

Write  $\frac{6}{9}$  in lowest terms.

$$9\frac{1}{6} + 4\frac{2}{6}$$

$$9 \times 12 \div 3$$

What is 50% of 1,598?

40, 45, 50, \_\_\_\_\_, 60,  
65, 70, 75, 80, 85

$$8 \div \frac{1}{7}$$

Name: \_\_\_\_\_

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

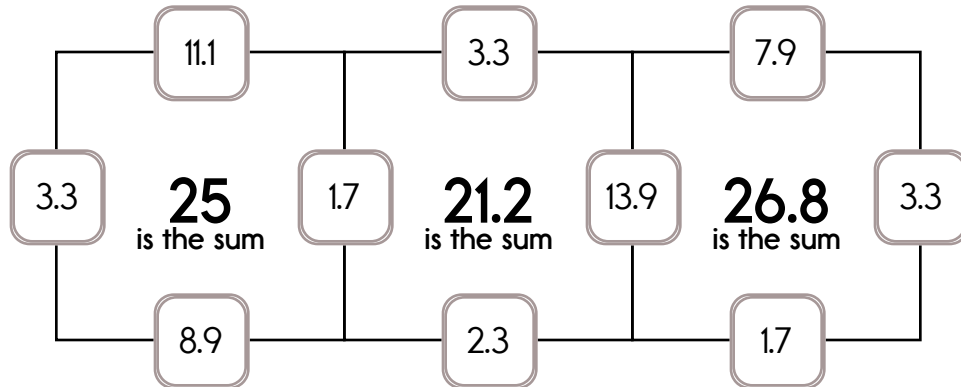
Example:

$$3.3 + 1.7 + 11.1 + 8.9 = 25$$

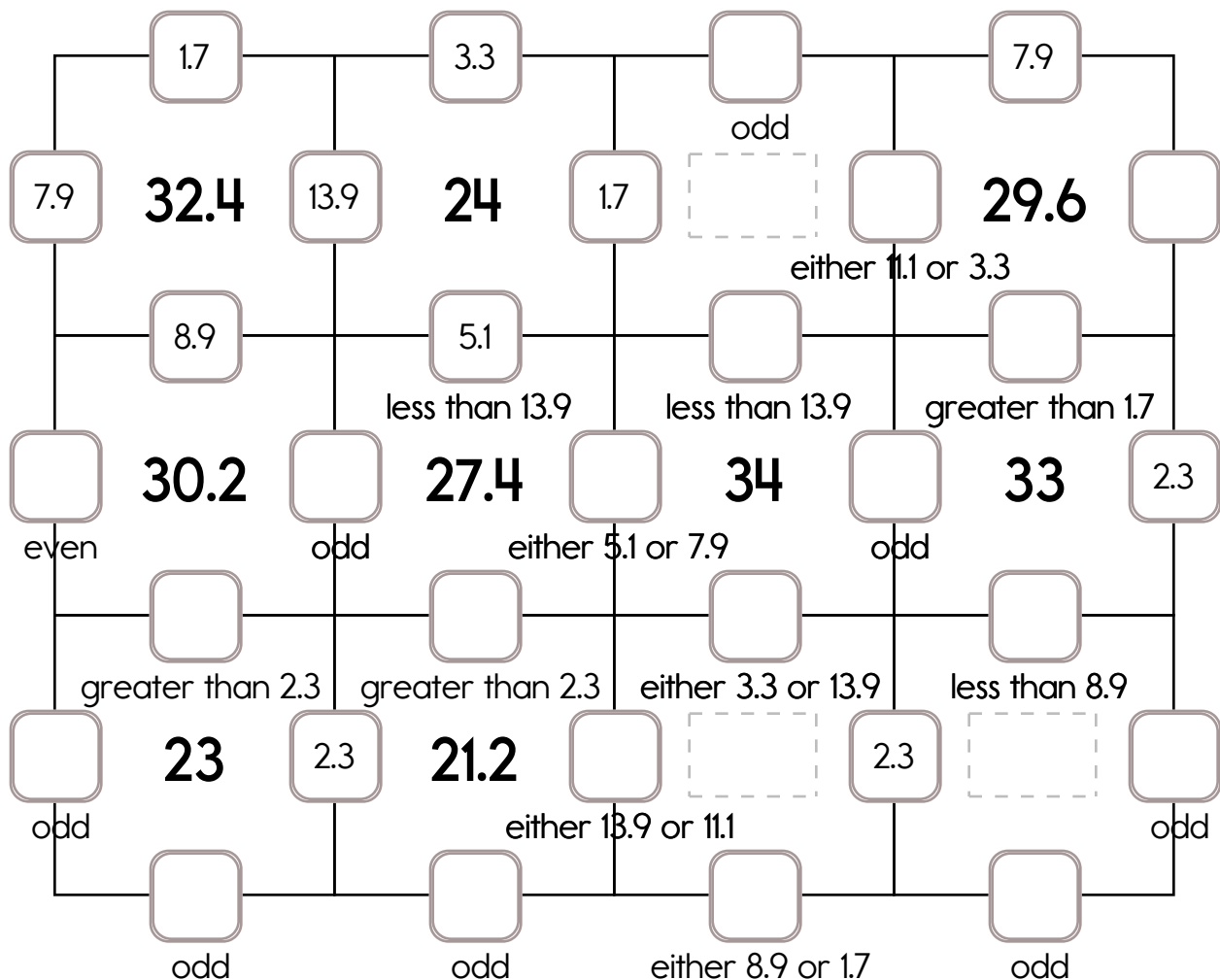
Example:

$$13.9 + 3.3 + 7.9 + 1.7 = 26.8$$

Sample:

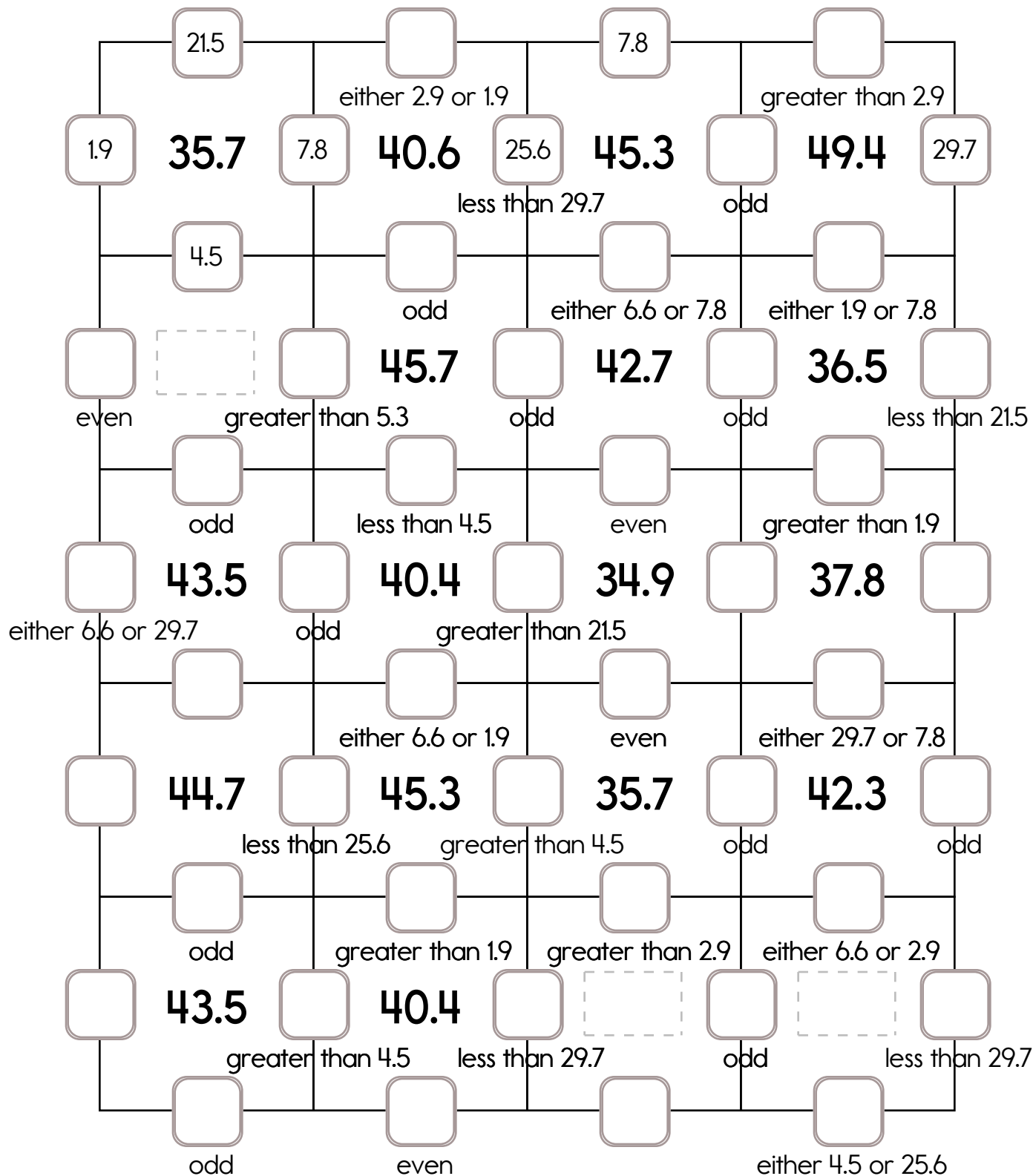


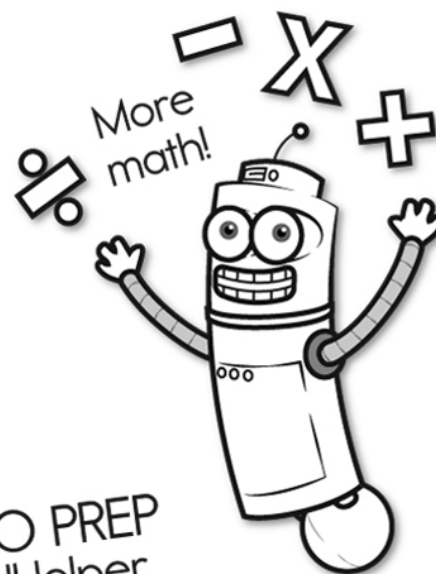
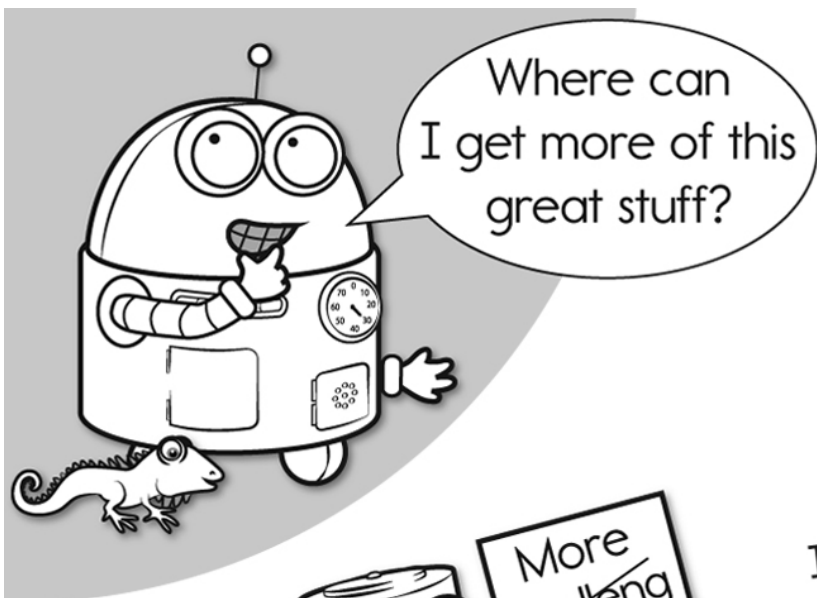
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 24.2, 11.1, or 13.9. The other three numbers have to all be **DIFFERENT** and must be from these: 5.1, 7.9, 2.3, 1.7, 8.9, or 3.3.



Name: \_\_\_\_\_

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 29.7, 25.6, or 21.5. The other three numbers have to all be DIFFERENT and must be from these: 5.3, 6.6, 1.9, 2.9, 7.8, or 4.5.



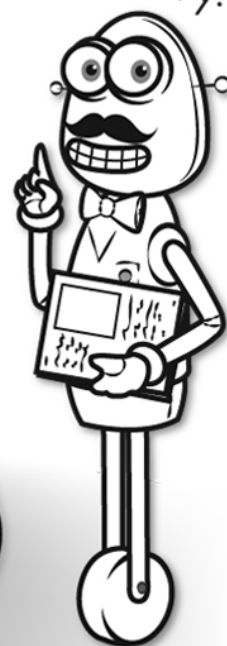


It's NO PREP at edHelper.

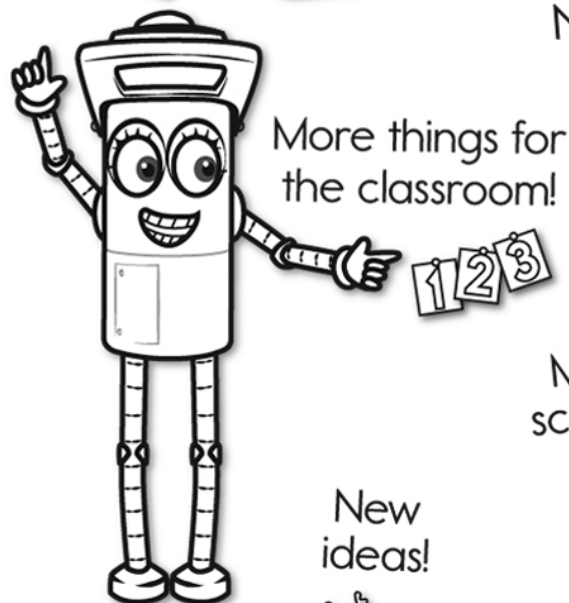
More history!



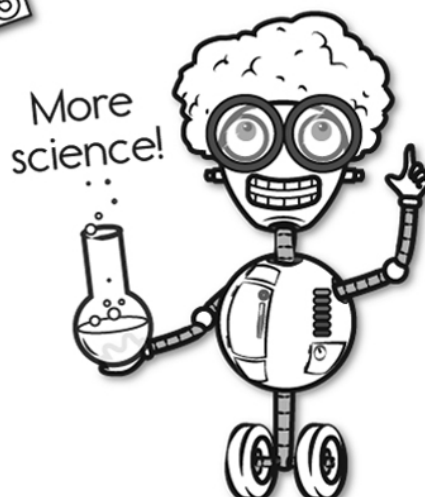
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New online math games!



1 2 3



New ideas!



$\times$   $=$   $-$   $\div$   $<$   $-$   $>$

More puzzles!

