

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

Guess the number in your head. Keep guessing until your numbers are correct.  
Then write the correct answer!

$$\text{frowny} + \text{frowny} + \text{frowny} = 42$$

$$\text{smiley} + \text{frowny} = 38$$

$$\text{smiley} + \text{frowny} + 3 = 41$$

$$\text{smiley} - \text{frowny} = \underline{\hspace{2cm}}$$

$$\text{frowny} = \underline{\hspace{2cm}} \quad \text{smiley} = \underline{\hspace{2cm}}$$

9 before 19 \_\_\_\_\_

7 after 11 \_\_\_\_\_

8 before 12 \_\_\_\_\_

5 before 17 \_\_\_\_\_

2 after 17 \_\_\_\_\_

7 before 11 \_\_\_\_\_

6 before 18 \_\_\_\_\_

6 after 16 \_\_\_\_\_

1 before 14 \_\_\_\_\_

4 before 15 \_\_\_\_\_

8 after 13 \_\_\_\_\_

3 before 13 \_\_\_\_\_

2 before 16 \_\_\_\_\_

3 after 14 \_\_\_\_\_

1 before 16 \_\_\_\_\_

8 before 82 \_\_\_\_\_

5 after 43 \_\_\_\_\_

9 before 32 \_\_\_\_\_



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

$$26 + n = 38$$

Round the decimal 0.735 to the nearest hundredth.

How many centimeters in 7.4 meters?

130, 52, 114, 46, 98, 40,  
82, 34, 66, \_\_\_\_\_, 50,  
22, 34, 16

How much money is 1 quarter, 3 dimes, 1 nickel, and 1 penny?

$$4 \times 2 + 2 - 4$$

Use  $>$ ,  $<$ , or  $=$  to complete.

$$\frac{1}{3} \text{ — } 41\%$$

$$20\% \text{ — } \frac{2}{10}$$

$$45\% \text{ — } \frac{3}{12}$$

$$y = x + 13$$

$$y = 24$$

What is the value of  $x$ ?

Rewrite  $\frac{1}{20}$  as a decimal.

$$0.7 \times 0.8$$

If  $y = 7$  and  $n = -26$  then what is  $4y - 12n - 3n = ?$

If  $5x = 65$ , then  $x =$



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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

$$10 \div \frac{1}{8}$$

What is the area of a rectangle with sides 3 cm and 11 cm?

The radius of a circle is 288 cm. What is the diameter of this circle?

Estimate quickly the difference.  
 $5,020 - 2,090$

Write the missing family fact.

$$135 \div 15 = 9$$

$$15 \times 9 = 135$$

$$9 \times 15 = 135$$

What 6 coins add up to 81 cents?

$$10 + 36 \div 6$$

$$\frac{4}{7} \div \frac{4}{14} =$$

$$0.11 \cdot 4 =$$

$$6 + (32 \div 4) - 60 \div 12 =$$

Circle the greatest amount:

44%

0.34

$$\frac{4}{25}$$

$$17v - 27.6 = 91.4$$

$$v =$$

Simplify.

$$\frac{126}{378} =$$

What is the remainder of 63 divided by 13?

$$|-13| - s = 16$$

$$s =$$

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

Justin purchased 2 pairs of tap shoes for \$51.96 each. The computer multiplied the total by 1.05 to find the total cost including tax. What change did he get from \$200?	Captain Mathews wore his hat for eighteen hours every day. If Captain Mathews didn't have his hat on, his boat was anchored. In eleven days his boat sailed 1,386 miles. What was the average number of miles per hour his boat traveled?	The Farmers' Market charges \$4.05 for a jar of apple butter. The clerk multiplies the price by 1.05 to find the total cost including tax. Mrs. Anderson bought 3 jars of apple butter. How much change would she get from a twenty dollar bill?
--	---	--

Circle the addition property for $51 + 169 = 169 + 51$ . commutative property associative property	Rewrite these in increasing order of length: 353 km, 499 mm, 6 dm
--	--

$55 \div 5 =$ _____	$\begin{array}{r} 64 \\ - 31 \\ \hline \end{array}$	$108 \div 12 =$	1 lb = 16 oz 26 lb = _____ oz
---------------------	---	-----------------	----------------------------------

Which is the better buy? Eight bags of candy for \$16 or four bags of candy for \$32?	Ava rolls a die. What is the chance of her rolling a 5? _____	$\begin{array}{r} 22 \\ + 21 \\ \hline \end{array}$
--	--	---



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

### Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

2	6
---	---

				4	
4			6		2
	2	1		3	6
		3		2	
					1
			2		

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



Anna is older than April. Sara is younger than April. Who's the youngest?

$646 + 878 = \underline{\hspace{2cm}}$


Justin has four nickels and one penny. He also has one other coin that is different from the rest of his coins. How much could he have?

$$\begin{array}{r} 637 \\ - 331 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ + 410 \\ \hline \end{array}$$

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

Circle the digit in the tenths place.  627.748	Maria rolls two dice. What is the chance of her rolling a 6 on one die and a 5 on the other die?  _____
--	---

132 ÷ 12 =	12 kg = _____ g	The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.
6 x 8 =	22 ÷ 2 = _____	
	12 ÷ 2 = _____	

7,685 - 4,562 = _____	How many feet are in 24 inches?  _____ feet
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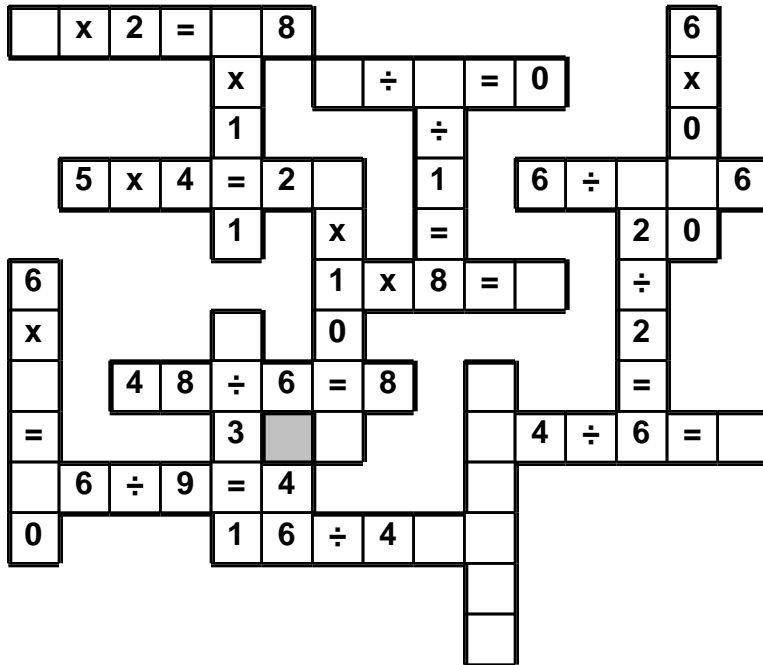
Circle the greatest number: 395,534,827,901      690,357 2,841,301,826      49,750,162,478	36 ÷ 12 = _____	3 x 4 = _____

What is the largest possible product of a two-digit number and a three-digit number? Show the two numbers.	(5 + 6) + 2 =
	32 ÷ 4 = _____

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

9 • 1 • 0 • 8 • 0 • 1 • = • 8 • 3 • 5 • 1 • 0 • 2 • 4 • 3 • ÷  
= • 4 • = • 3

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



27% of 100 is 27.  
27% of 200 is 54.  
27% of 500 is 135.

What is 27% of 700?

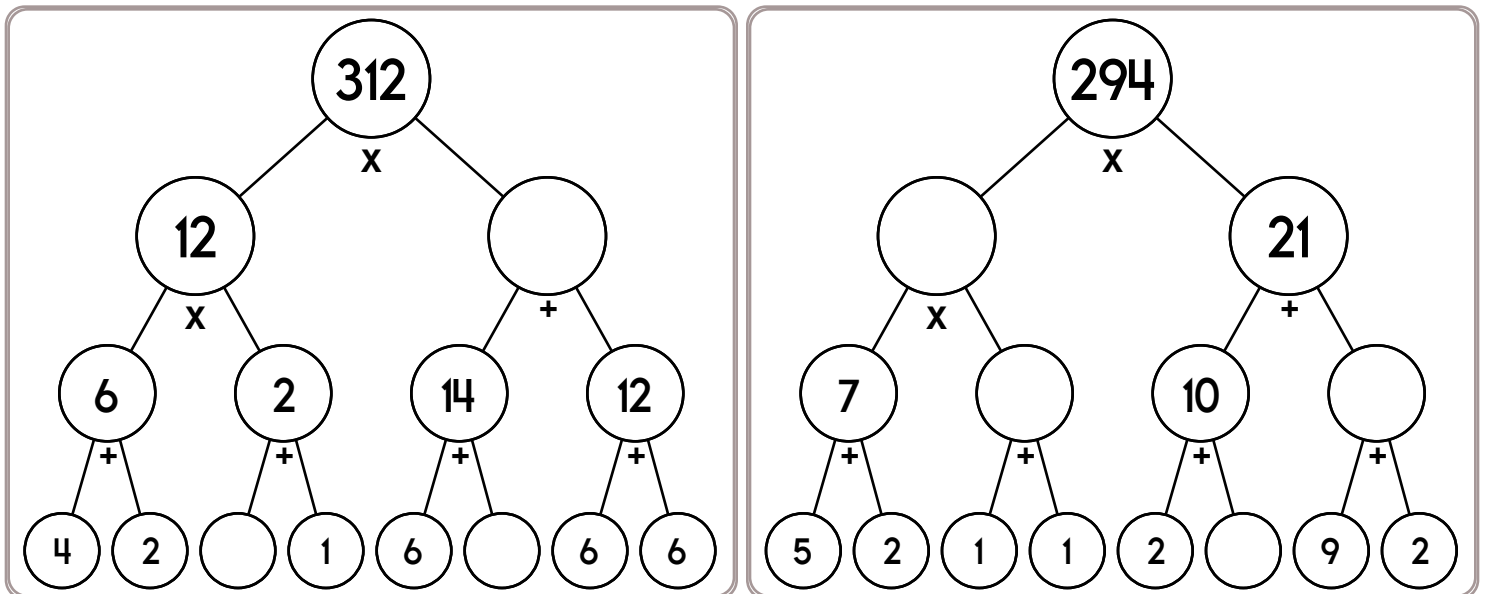
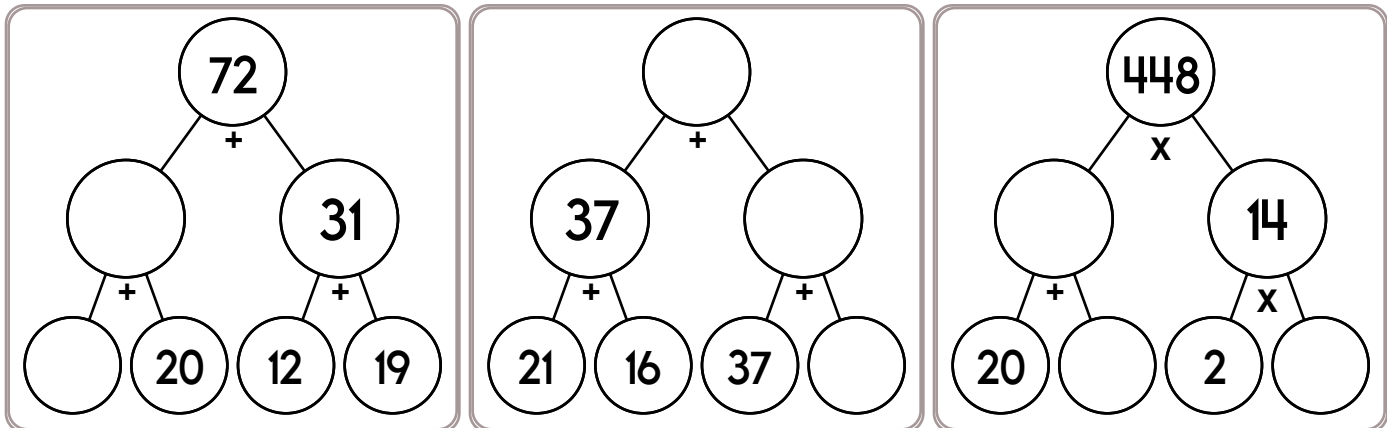
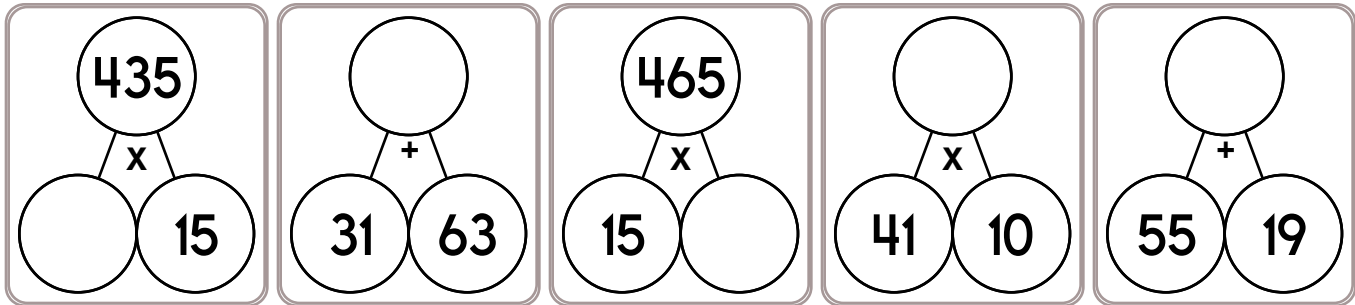
$42,749 + 54,917 = \underline{\hspace{2cm}}$



For 71,795,107,216,602, write the digit that is in the ten thousands place.

\_\_\_\_\_

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



$$6 \times 6 = x^2$$

What is the value of x?

$$(9 + 15 + 10 + 7) =$$























Simplify.

$$\begin{array}{r} 30,000 = \\ 35,000 \end{array}$$



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

Puzzle:

			<b>7</b>		<b>34</b>
			<b>7</b>		<b>44</b>
					<b>39</b>
	<b>7</b>				<b>34</b>
					<b>43</b>
<b>42</b>	<b>38</b>	<b>16</b>	<b>42</b>	<b>56</b>	<b>+</b>

Work Area:

			<b>7</b>		<b>34</b>
			<b>7</b>		<b>44</b>
					<b>39</b>
	<b>7</b>				<b>34</b>
					<b>43</b>
<b>42</b>	<b>38</b>	<b>16</b>	<b>42</b>	<b>56</b>	<b>+</b>

The sum for each column  
and row is given.



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_

Write the reciprocal.

$$\frac{24}{4}$$

Write the reciprocal.

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

Write the reciprocal.

$$\frac{9}{1}$$

$$6 \times 6 \times 6 = x^3$$

What is the value of x?

$$0.8 (0.3 (0.8 \times 3)) =$$

$$0.5 \times 0.09$$



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$$\underline{\quad} \times 4 = 384$$

$$97 \times \underline{\quad} = 194$$

$$57 \times \underline{\quad} = 114$$

$$\underline{\quad} \times 3 = 39$$

$$\underline{\quad} \times 6 = 186$$

$$12 \times \underline{\quad} = 36$$

$$\underline{\quad} \times 2 = 26$$

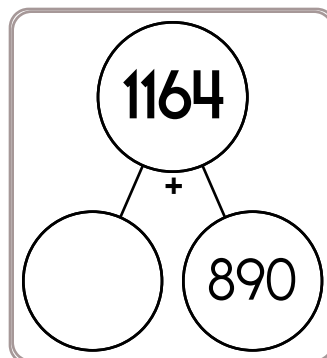
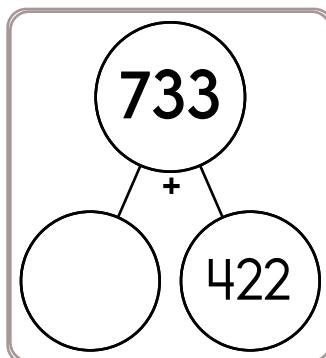
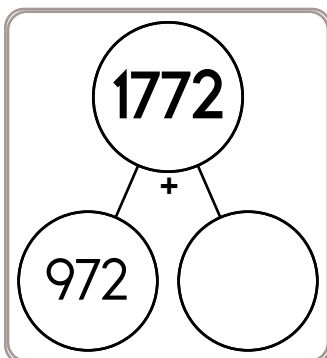
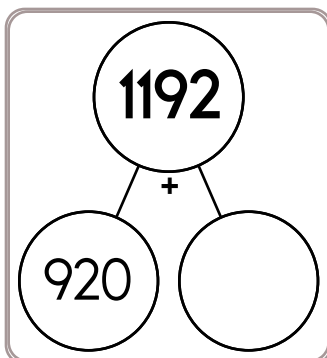
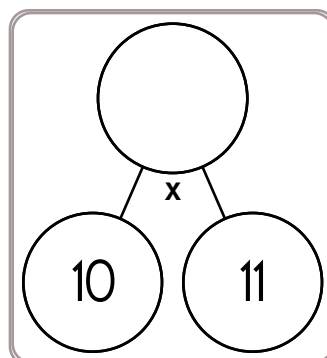
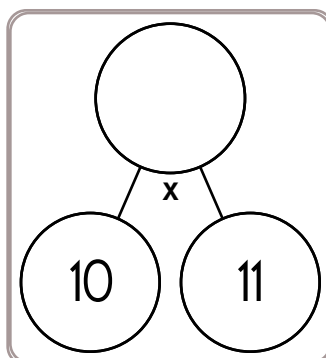
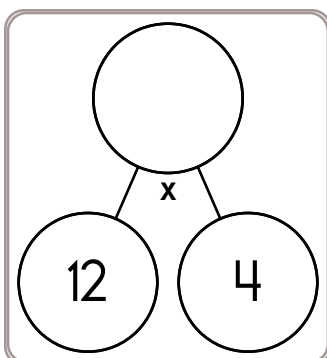
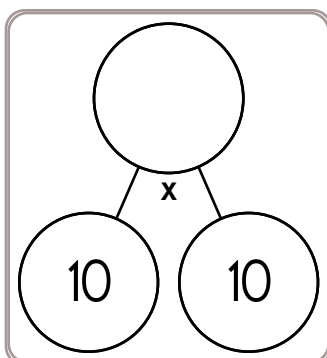
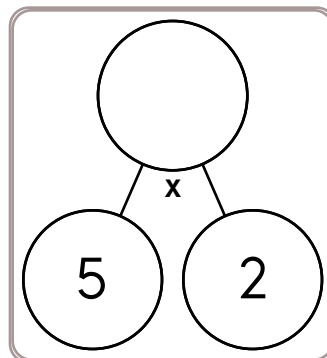
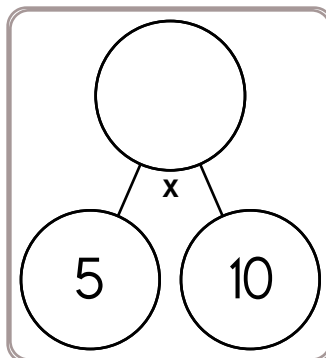
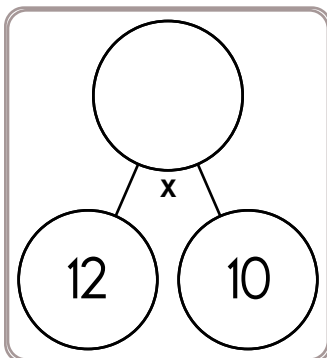
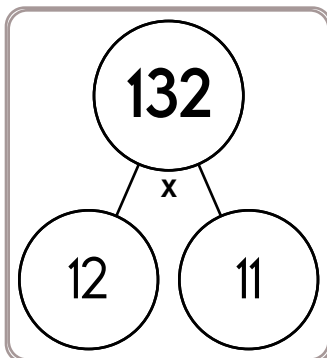
$$26 \times \underline{\quad} = 52$$

$$67 \times \underline{\quad} = 134$$

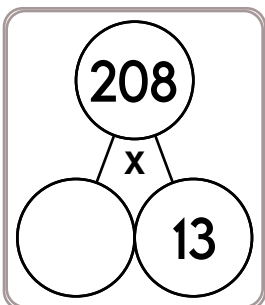
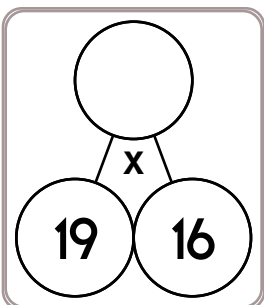
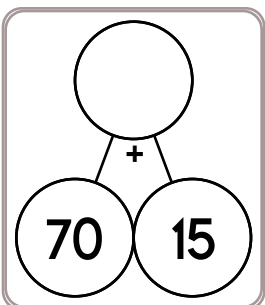
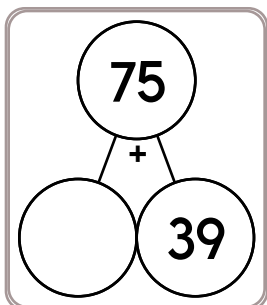
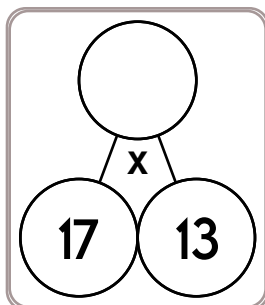
$$\underline{\quad} \times 5 = 185$$

$$\underline{\quad} \times 6 = 150$$

$$86 \times \underline{\quad} = 344$$



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



54, 67, 80, \_\_\_\_\_, 106,  
119, 132, 145, 158, 171

N, \_\_\_\_\_, M, J, L, I, K,  
H, J, G

$$|-61| \times |50| =$$

$$\frac{18}{28} \div \frac{2}{7} =$$

$$13.5585 \times 10^2 =$$

$$12 \times 8 - 4 + 8 + 2$$

What is the prime factorization of 63?

Crazy Gavin had pizza 24 days in the month of May. What percent of the month did he have pizza?

$$\frac{1}{2} + \frac{s}{6} = 1\frac{1}{6}$$

$s =$



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

In what quadrant would you find the point  $(-2, -19)$ ?

Circle the greatest amount:

24%

0.35

$\frac{3}{25}$

What is the greatest common factor of the numbers 90 and 75?

I, K, K, L, M, M, O, N,  
\_\_\_\_\_, O

$0.3 \times 0.9$

$6 - 20 \div 5$

Convert  $47\frac{6}{7}$  to an improper fraction.

32, 36, 40, \_\_\_\_\_, 48,  
52, 56, 60

$4 \times 4 \times 4 = 4^x$

What is the value of  $x$ ?

Simplify.

$\frac{140}{252} =$

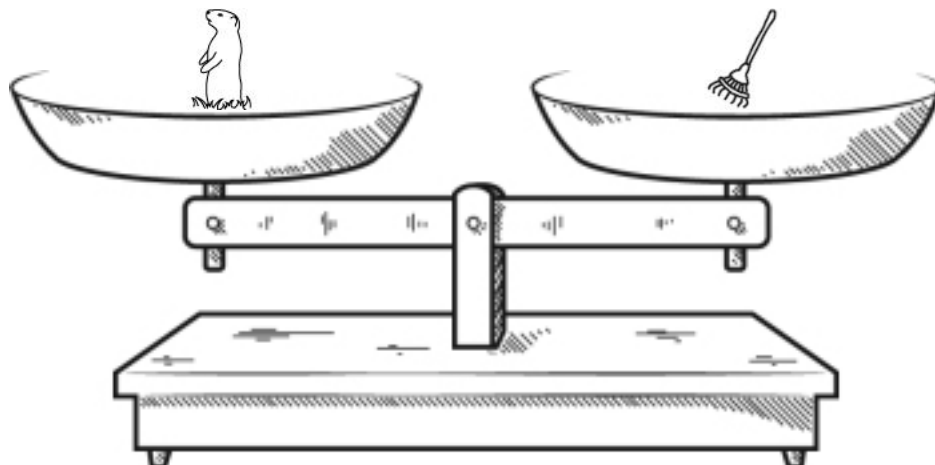
$|-12| + b = 16$

$b =$

What is the value of  $a$ ?

$8a + 12 - 7a = -3$

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



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!

You should only mark TRUE if you are absolutely sure it is correct!

$$\begin{array}{r} 72,234 \\ - 28,361 \\ \hline \end{array}$$

$$145 - 1256 =$$

$$6 + 6 + 6 =$$

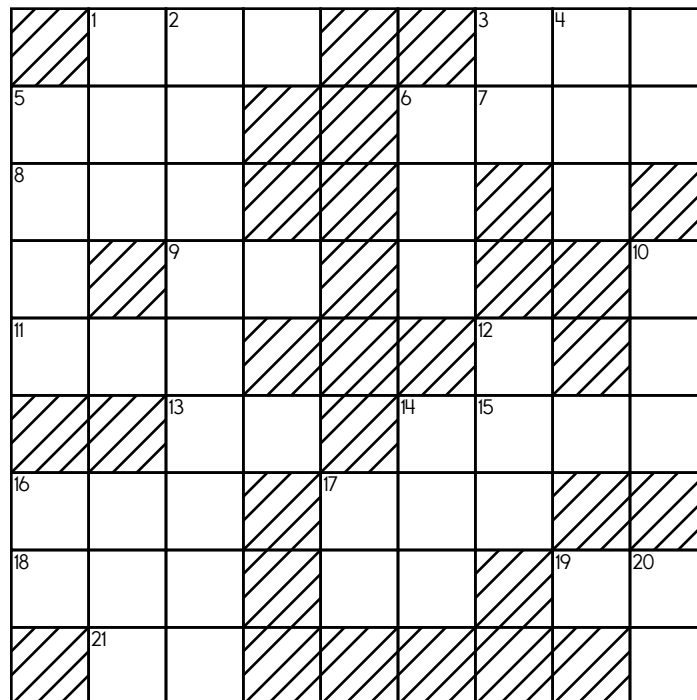
Name: \_\_\_\_\_

### ACROSS

### DOWN

2. Three more than 20-Down
3. One less than 12-Down
5. One-fourth of 11-Across
7. **Nickels in eight dollars**
8. 15-Across plus 4-Down
9. 3-Down plus 19-Down
11. 15-Across plus 8-Down
13. 20-Down plus 21-Across
15. Four more than 7-Across
16. Five less than 4-Down
18. Four times 9-Across
21. One-fourth of 18-Across

1. Seven times 21-Across
3. One-fourth of 15-Across
4. Four times 3-Down
6. Five less than 7-Across
8. 15-Across plus 7-Across
10. Nine times 21-Across
12. Nine times 9-Across
14. Two more than 8-Down
17. One-seventh of 3-Across
19.  $5 + 5 = 2 \times \underline{\hspace{1cm}}$
20. Five more than 9-Across



Circle the greatest amount:

20%

0.39

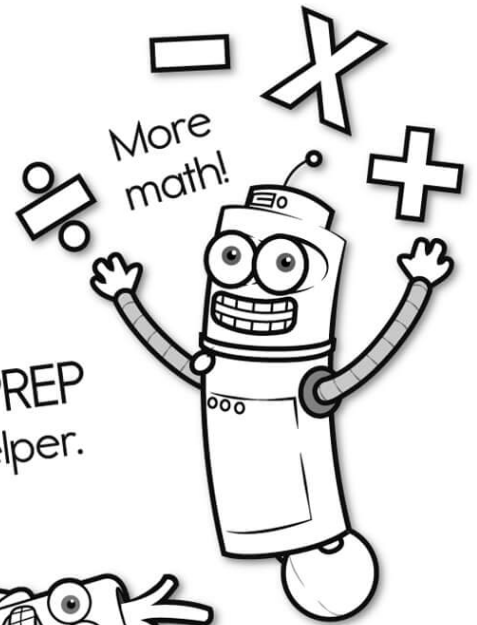
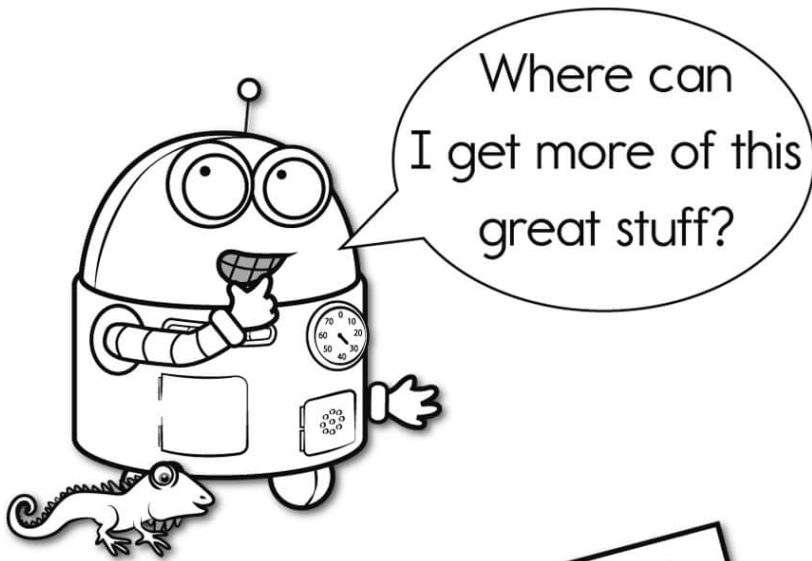
$\frac{6}{25}$

$522 \div 12$

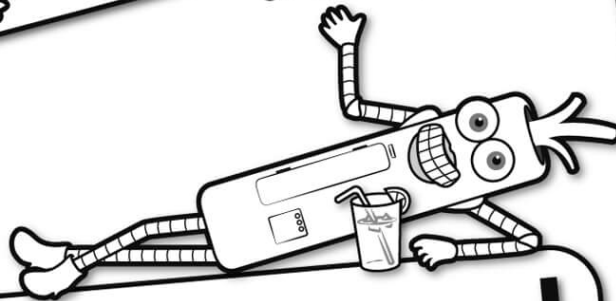
$0.5 (0.2 (0.5 \times 8)) =$

word root **ultra** can mean **beyond**

**ultraviolet, ultrasonic**

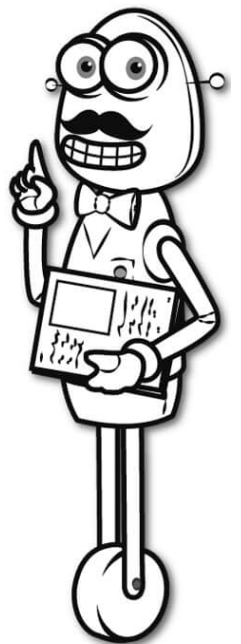


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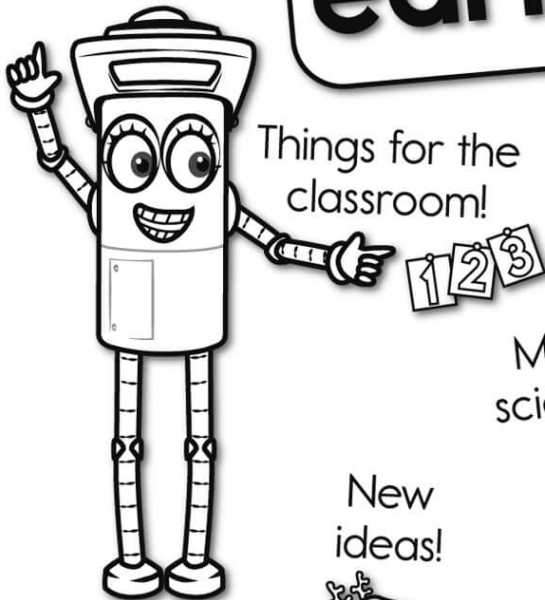


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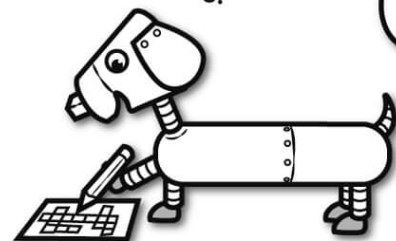
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