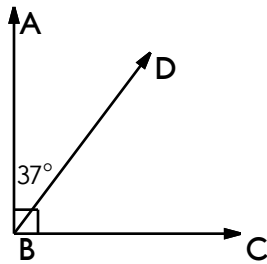


Name: _____

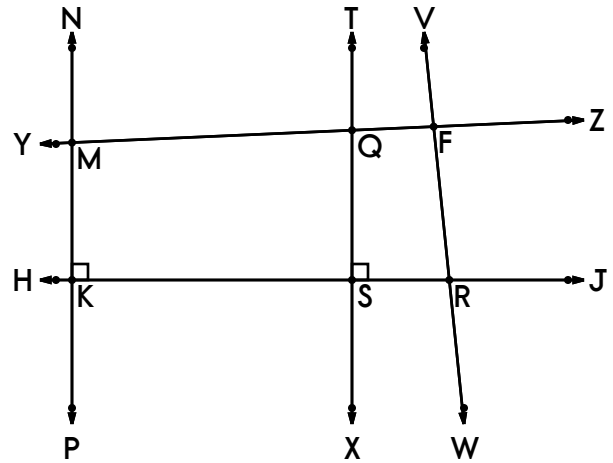
Sketch two parallel lines.

Use a protractor to draw an acute angle $\angle DEF$.

What angle is the complement of an angle that is 63° ?



What is the measure of $\angle DBC$?



How many different angles can you name that include point S ?

Write the reciprocal.

$$\frac{2}{3}$$

$$2\frac{1}{2} \times 1\frac{3}{4} =$$

$$\frac{1}{2} \div 5 =$$

Name: _____

$$-13 + 6 =$$

$$-5 \times -6 =$$

$$-11 \times 12 =$$

$$8y = 32$$

$$\frac{???}{3} = 3$$

What is the missing number?

$$\frac{N}{9} = 7$$

What is the value of N?

$$7 \times \underline{\quad} = 56$$

What is the missing number?

$$9 \times N = 90$$

What is the value of N?

$$\begin{array}{r} 26 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ \times 52 \\ \hline \end{array}$$

$$40 \overline{) 2487}$$

Divide and write remainder.

Name: _____

$$\begin{array}{r} 5 \\ 9 \\ 6 \\ 3 \\ + 9 \\ \hline \end{array}$$

$$1 + 3 + 3 + 7 =$$

$$\begin{array}{r} 64 \\ 86 \\ 791 \\ + 966 \\ \hline \end{array}$$

What is the sum of 9.4 and 2.7?

$$\begin{array}{r} 0.53 \\ - 0.245 \\ \hline \end{array}$$

$$\begin{array}{r} 9.4 \\ 17.5 \\ + 4.3 \\ \hline \end{array}$$

Use >, <, or = to complete.

$$251 \text{ ___ } 246.9$$

$$22.7 \text{ ___ } 22.85$$

$$297 \text{ ___ } 298.8$$

$$23.14 \text{ ___ } 23.6$$

$$14.34 \text{ ___ } 14.340$$

$$423 \text{ ___ } 419.86$$

$$118.11 \text{ ___ } 121$$

Write as a decimal.

$$16 \frac{26}{1000}$$

Write as a decimal.
Thirteen thousandths

$$-2 + 9 = \text{ ___ }$$

$$9 - 15 =$$

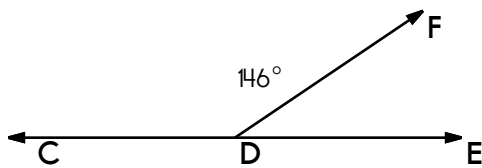
What is the number that is 5 less than 3?

Name: _____

$$8 \overline{) 35.2}$$

$$9 \overline{) 8.1}$$

$$\begin{array}{r} 9.8 \\ \times 7 \\ \hline \end{array}$$



What kind of angle is $\angle CDF$?

Sketch 2 lines \overleftrightarrow{JK} and \overleftrightarrow{WX} that are parallel.

1 is what % of 2?

Find 96% of 77.

Change to a decimal.
51%

$$28 \overline{) 2973}$$

$$43 \overline{) 6198}$$

Find the product of 26 and 5.

Divide and write remainder.

Divide and write remainder.

Name: _____

<p>Ava is learning to be a juggler. She bought 5 juggling balls for \$1.44 each, 3 scarves for \$2.05 each, and a top hat for \$8.92. How much money did she spend in all?</p>	<p>Holly wants to be a dancer. Her teacher says that she has potential. Holly practices $16\frac{1}{3}$ hours every week. The first six days of this week, she practiced $12\frac{3}{4}$ hours. How long did she practice on the seventh day?</p>	<p>Ms. Smith had \$85 to spend on children's books for the library. If books cost \$9.40 each, how many books could she buy and still have \$9 left over?</p>
--	---	---

$\begin{array}{r} 339 \\ + 215 \\ \hline \end{array}$	$56 \div 7 =$	<p>List five of the smallest whole numbers that are greater than 13, are multiples of 4, and are not multiples of 9.</p>
---	---------------	--

<p>Anna has two favorite numbers. If you add her favorite numbers, you get 17. If you multiply her favorite numbers, you get 42. What are her mystery numbers?</p> <p>_____</p>	<p>How many pounds are in 64 ounces?</p> <p>_____ pounds</p>
---	--

<p>Cross out all of the prepositional phrases in the sentence. I crept into the movie theater and climbed over everyone's legs so that I could sit by my best friend.</p>	<p>For 408,790,958,353, write the digit that is in the ten thousands place.</p> <p>_____</p>
---	--

Name: _____

<p>Can 657 be evenly divided by 9? Circle: 657 is evenly divisible by 9 657 is NOT evenly divisible by 9</p>	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>
--	--

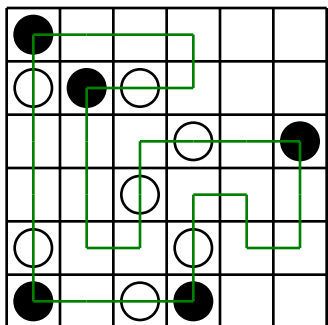
$\begin{array}{r} 88 \\ - 76 \\ \hline \end{array}$	<p>Circle the digit in the hundredths place. 397.985</p>	$\begin{array}{r} 418 \\ - 108 \\ \hline \end{array}$
---	--	---

$110 \div 10 =$	$9 \text{ kg} = \text{_____ g}$	<p>Circle the addition property for $49 + 120 = 120 + 49$. commutative property associative property</p>
-----------------	---------------------------------	---

<p>The principal of your school wants to buy forty-four books. Each book costs \$6.94. She wants to estimate how much it will cost. Show her how you would estimate the cost:</p>	<p>$1 \text{ lb} = 16 \text{ oz}$ $24 \text{ lb} = \text{_____ oz}$</p>
---	---

<p>What time is 16 hours after 4:00 p.m.? _____</p>	$\begin{array}{r} 29 \\ + 23 \\ \hline \end{array}$	$18 \div 3 =$
---	---	---------------

Name: _____

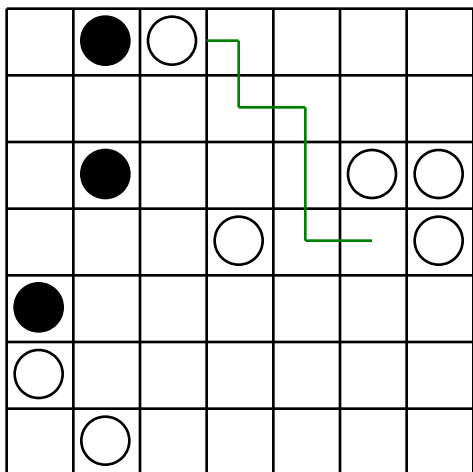


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

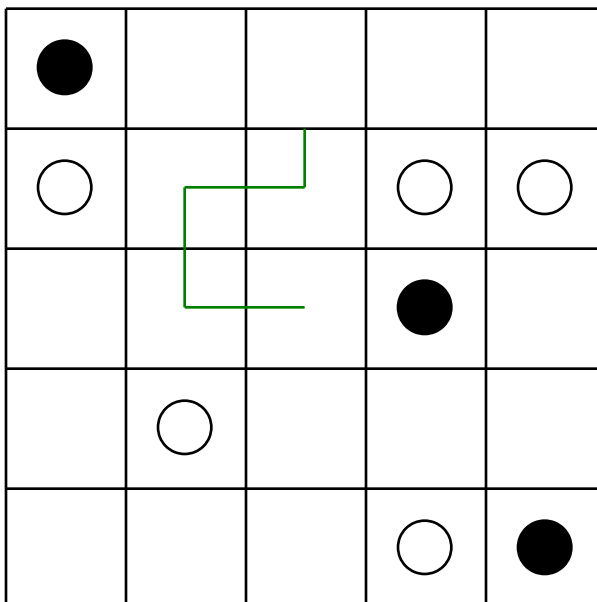
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



Which has the smallest answer?

309 x 450 306 x 450 302 x 450

Choose the correct pronoun and write it on the line.

Team sports (that/which) are played with balls are my favorite sports to watch on TV.

Circle the smallest number:

201,863,953 95,280,417
790,864 156,984,730,274

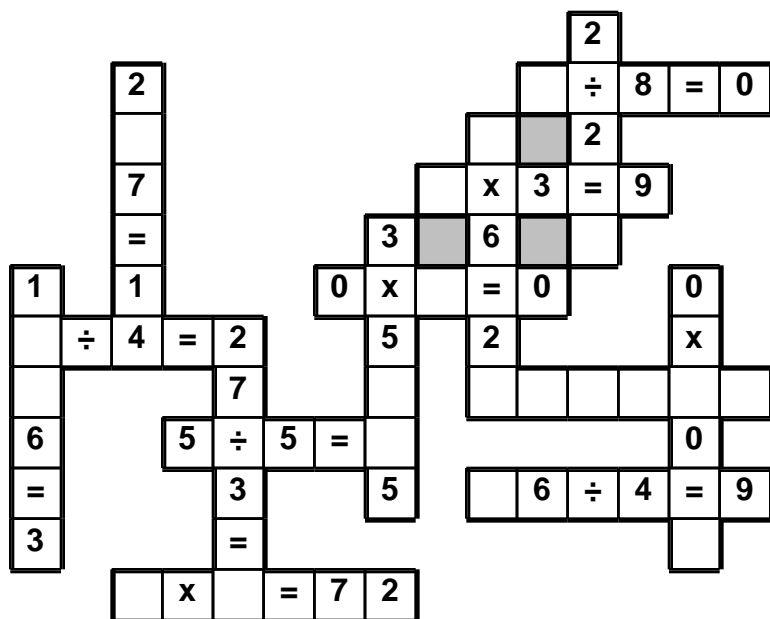
Circle the correctly spelled word.
It is important to eat right and (exercise/exercize).

12 x 7 =

Name: _____

0 • x • 4 • 3 • 1 • 3 • 8 • ÷ • = • 4 • x • 4 • = • 1 • 6 • 1 • 3
0 • 8 • 9

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



$(3 + 7) + 6 =$

How many digits are in the current year?

Write 6,784,798 in words.

$5 \times 6 =$

Lucas invented a robotic bug. The bug can crawl five centimeters in twenty-two seconds. How long would it take the bug to crawl forty-five centimeters?

$$\begin{array}{r} 752 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 441 \\ \times 7 \\ \hline \end{array}$$

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

$$(3 \times 1) + 1 = 4$$

$$5 + (2 \div 2) = 6$$

$$8 \times 8 - 5 = 59$$

$$8 \times 8 - 5 = 24$$

$$4 + 2 \div 2 = 5$$

$$4 + 2 \div 2 = 3$$

$$2 \times 8 - 3 = 13$$

$$8 + 8 \div 1 = 16$$

$$10 + 5 + 6 \times 5 = 45$$

$$10 - 1 + 12 + 9 = 30$$

$$8 + 8 - 6 + 7 = 3$$

$$11 \div 1 + 2 + 12 = 25$$

$$6 + 7 - 6 \times 1 = 7$$

$$11 \div 11 + 6 \times 3 = 19$$

$$2 \times 3 - 4 + 8 = 10$$

$$5 + 1 \times 12 + 6 = 23$$

$$3 - 4 + 2 \div 6 = 2$$

$$9 \times 12 - 10 + 1 = 99$$

Name: _____

In right triangle FGH, $\angle F$ is the right angle, and $\angle G$ is 36° less than $\angle H$.
What is the measure of all three angles?

Two numbers are in the ratio 1:5. The sum of the numbers is 6. What are the numbers?

Name: _____

Divide and write the remainder.

$$3 \overline{) 566}$$

$$5 \overline{) 582}$$

$$4 \overline{) 799}$$

$$6 \overline{) 688}$$

$$9 \overline{) 924}$$

$$8 \overline{) 836}$$

$$7 \overline{) 913}$$

$$8 \overline{) 846}$$

$$4 \overline{) 933}$$

$$5 \overline{) 784}$$

$$7 \overline{) 960}$$

$$6 \overline{) 891}$$

Write as a decimal.

$$3 \frac{22}{100}$$

Write the decimal in words.

23.4

Write the decimal in words.

0.0010

Name: _____

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{406}{56} =$$

$$\frac{40}{64} =$$

$$\frac{114}{18} =$$

$$\frac{270}{30} =$$

$$\frac{3}{9} =$$

$$\frac{296}{56} =$$

$$\begin{array}{r} 5 \frac{2}{8} \\ - 3 \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5 \frac{7}{11} \\ + \frac{1}{3} \\ \hline \end{array}$$

Change $\frac{48}{32}$ to a mixed number.

$$\begin{array}{r} \frac{1}{2} \\ - \frac{2}{9} \\ \hline \end{array}$$

$$5 - \frac{3}{4}$$

Reduce $\frac{4}{18}$ to its lowest terms.

Find the least common denominator.

$$\frac{5}{18} \text{ and } \frac{30}{36}$$

Reduce $\frac{9}{63}$ to its lowest terms.

Name: _____

$$65 - \frac{2}{7} =$$

Find the least common denominator.

$$\frac{10}{18} \text{ and } \frac{30}{9}$$

$$22 \frac{3}{4}$$

$$- 7$$

Reduce $\frac{126}{171}$ to its lowest terms.

$$\frac{1}{4}$$

$$+ \frac{1}{5}$$

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

$$- 4 \frac{1}{10}$$

$$6 + \frac{1}{3}$$

$$\frac{7}{11}$$

$$+ \frac{6}{11}$$

$$10 + \frac{7}{11}$$

$$-6 + 14 = \underline{\quad}$$

$$6 - 8 =$$

$$3 - 2 - 2 =$$

Name: _____

$$8 + -10 =$$

$$-9 + 2 =$$

$$12 \times -3 =$$

Write the reciprocal.

$$\frac{16}{2}$$

$$\frac{1}{2} \times 7 =$$

$$\frac{4}{5} \times \frac{8}{11} =$$

$$65 - \frac{3}{4} =$$

$$\frac{3}{4}$$
$$- \frac{1}{3}$$

Change $\frac{96}{26}$ to a mixed number.

Sketch an angle and label it $\angle BCD$.

Use a protractor to draw an acute angle $\angle FGH$.

What angle is the complement of an angle that is 31° ?

Name: _____

$$0.5 + 0.8 =$$

$$0.6 + 0.6 =$$

$$0.8 + 0.9 =$$

$$9.4 + 4.3 =$$

Round 1.27 to the nearest whole number.

Round 17.94 to the nearest tenth.

Round 2.65 to the nearest whole number.

$$0.5 - 0.4 = 5 \text{ tenths} - 4 \text{ tenths}$$

$$0.7 + 0.6 = \underline{\quad} \text{ tenths} + \underline{\quad} \text{ tenths}$$

$$0.9 - 0.8 = \underline{\quad} \text{ tenths} - \underline{\quad} \text{ tenths}$$

$$0.3 + 0.2 = \underline{\quad} + \underline{\quad}$$

Write any number that is greater than 5.54 but less than 5.84.

Write any number that is greater than 2.320 but less than 2.350.

Write any number that is greater than 1.63 but less than 1.93.

Round 2.99 to the nearest whole number.

Round 15.48 to the nearest tenth.

Round 19.315 to the nearest whole number.

Write any number that is greater than 9.4 but less than 9.5.

How many tenths are in 45.970?

How many tenths are in 26.8?

$$0.6 - 0.6 =$$

$$0.7 - 0.6 =$$

$$0.8 - 0.4 =$$

$$0.9 - 0.6 =$$

The girls track team ran a race, and it was super close. Ava finished in 211.49 seconds. Rose finished in 211.34 seconds. Pam finished in 211.3 seconds. Maria finished in 211.23 seconds. Who won the race?

Who came in second?

Name: _____

$$\underline{\quad} \div 5 = 8$$

Is 39 a composite or a prime number?

$$537 + 8 =$$

double 31 =

$$77 \div 11 \times 10$$

$$25 + \underline{\quad} + 26 = 66$$

What is 50% of 1,646?

How many centimeters in 650.7 meters?

Write $\frac{12}{20}$ in lowest terms.

$$6\frac{5}{8} + 4\frac{3}{8}$$

10, 11, 15, 22, 32, 45, 61,

How many centimeters in 3.8 meters?

80, _____, 127, 155

What 6 coins add up to 27 cents?

A rectangle is 27 cm on one side and 8 cm on another side. What is the perimeter?

$\frac{1}{4}$, _____, (4), (16), (64), (256), (1,024), (4,096)

Name: _____

Write the final part of each math analogy.

FQKFQKFQ_____ : K :: DJCDJCDJ_____ :

Explain why you think your answer is correct.

eighteen socks : 9 :: sixteen earrings :

Explain why you think your answer is correct.

GKGKG_____ : K :: QJQJQ_____ :

Explain why you think your answer is correct.

148 : 168 :: 472 :

Explain why you think your answer is correct.



Name: _____

Can you guess the word?

No duplicate letters can be used.

F R O Z E

The letter F is in the word
and is in the correct spot.

C **R** I E D

The letter R is in the word,
but R is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

B **U** **R** **S** **T**

W **R** **I** **S** **T**

A C D E F G H J K L M N O P Q V
X Y Z

Let's check if you guessed correctly. Look across or
down to find the correct answer.

T I W T R J O E O F J I O S I U O M Q
B P T N R T J O S V S S O M T S F I S
T B R I R R T S U F R O S T F T S R S
T T S S U B T Z C U S R O R R S F X O
T S B F X S N T T S S C S T Q W S B I
I T J B U R S T O Q R O T U W R I S T
L U B G F T Z W R F O S R T R R S S T
T X L Z V O A T R T O S R F I N E S R

Hint: There are no duplicate letters in the answer.

P **O** **W** **E** **R**

A **L** **O** **N** **E**

B C D F G H I J K M Q S T U V X
Y Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

L G E N T P A O N Q N F O A O R
E E L A O E N E G O A A O E O E
E O R O L W W R G T O X E O J S
W N O T V O O P V R N Y A L E E
O W Q P P E N V O V D V W K H O
W E O R O L G E E W E T N O A E
P L L V K P D O G B E N V B W E
P V L W E L E J N E N R O R V R

Hint: There are no duplicate letters in the answer.

H **A** **B** **I** **T**

E **A** **R** **L** **Y**

S **A** **U** **C** **Y**

D F G J K M N O P Q V W X Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

C V Y X N X A E S D A S Y H N L K Y D
C C Y N A A U C A A T E R U Y B U Y Y
U B A A D A D A D R U C D E C J A D E
G Y T N S Y C S Y D L C C A G C S F Y
D H A N D E A L U A A Y Y Y Y T U W C
C C Y N I Y E C Y A D M O E D C Y C W

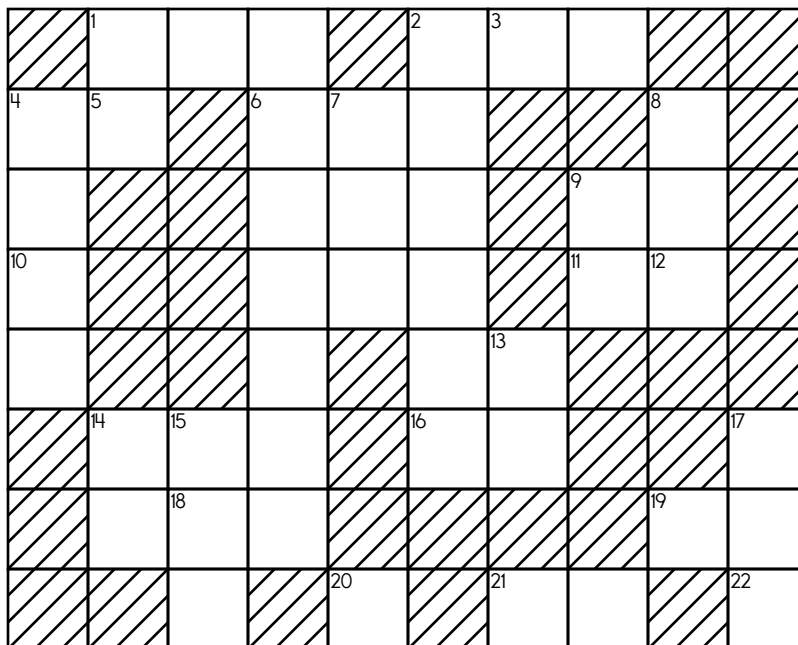
Name: _____

ACROSS

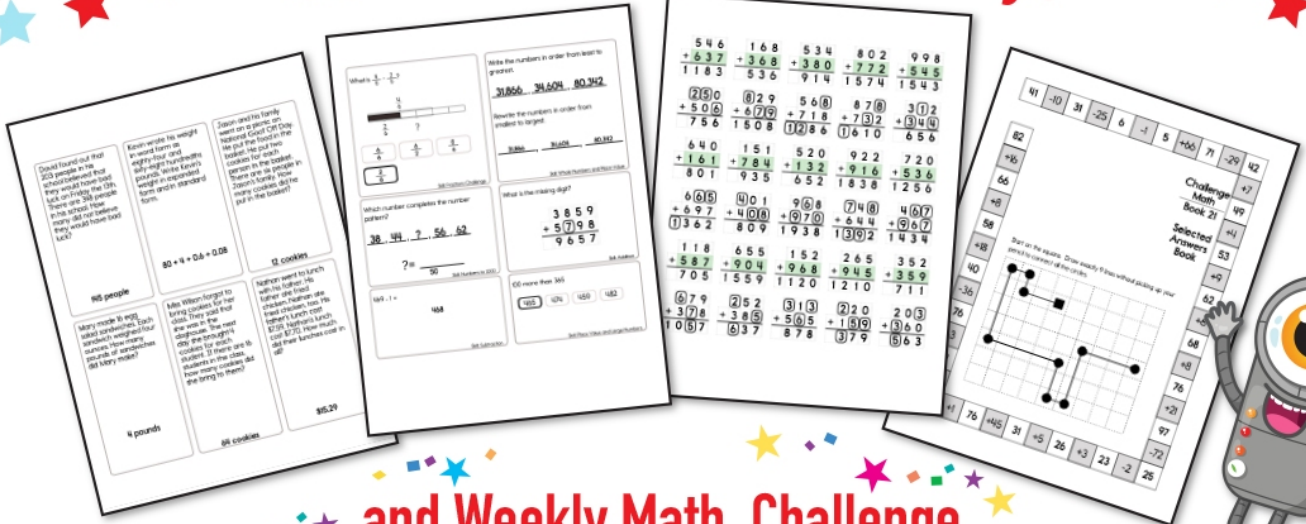
1. Six less than 7-Down
2. Its digits total 6
3. What is the lowest common multiple of 12-Down and 16-Across?
5. How many factors does 6 have?
8. What is the lowest common multiple of 20-Down and 10-Across?
9. What is the greatest common factor of 13-Down and 3-Across?
10. What is the greatest common factor of 12 and 46?
11. **5 + 13**
15. 5 + 11
16. 20
17. What is the greatest common factor of 40 and 76?
19. 9-Across plus 1-Down
21. What is the lowest common multiple of 5-Across and 1-Down?

DOWN

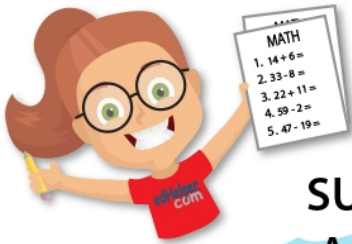
1. Sum of digits of 7-Down
2. the tens in 13-Down + the ones in 10-Across + the thousands in 4-Down + the hundred thousands in 6-Down
4. the ones in 11-Across + the tens in 18-Down + the thousands in 6-Down
6. two hundred forty-two thousand, one hundred sixty-six
7. What is the lowest common multiple of 18-Down and 15-Across?
12. How many factors does 40 have?
13. Four times 16-Across
14. Four more than 15-Across
18. Two more than 16-Across
20. One-eighth of 15-Across
22. What is the greatest common factor of 15-Across and 3-Across?



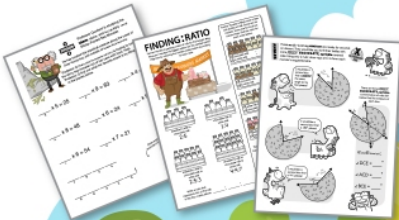
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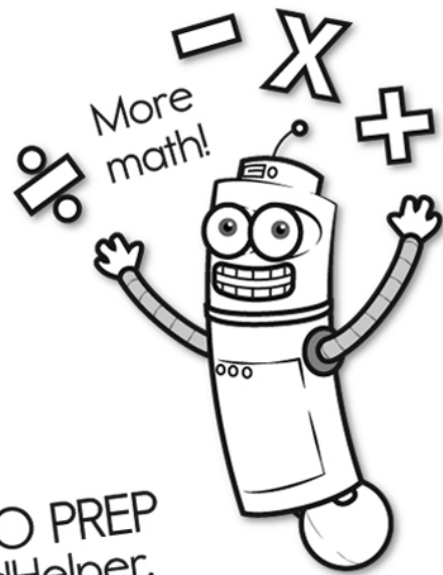
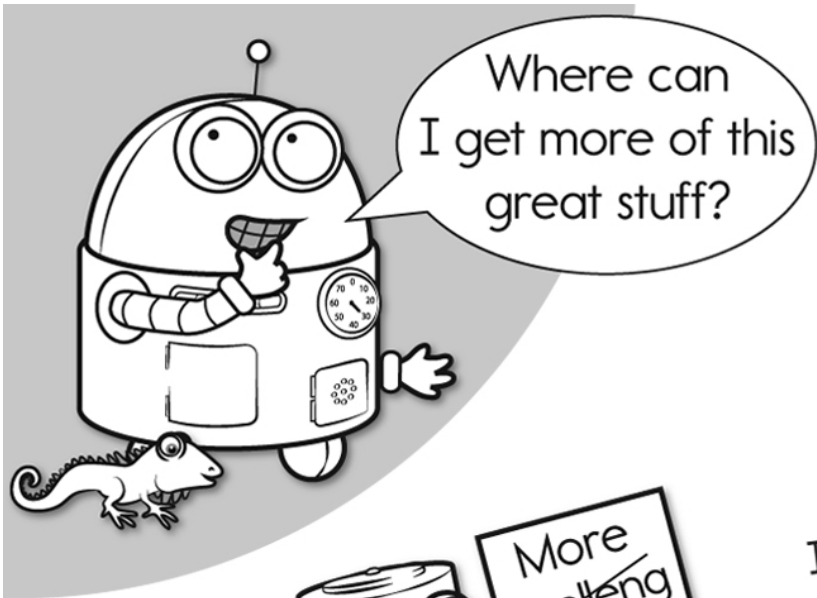
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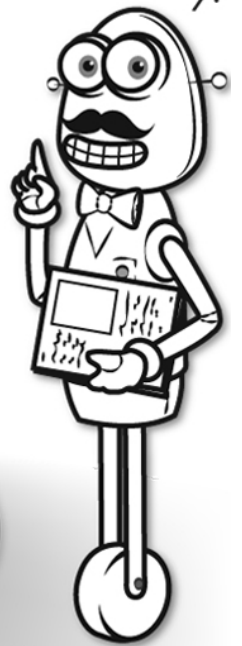
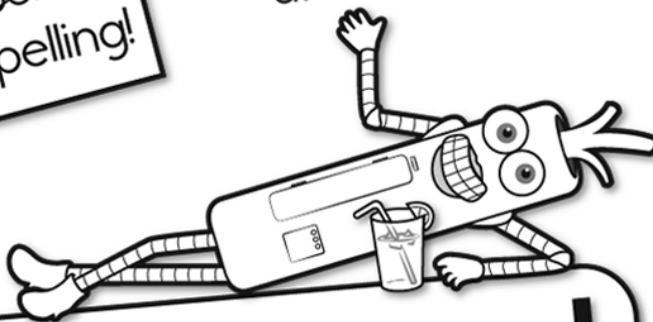


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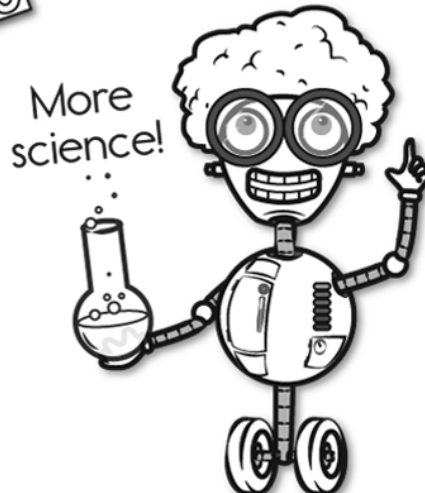
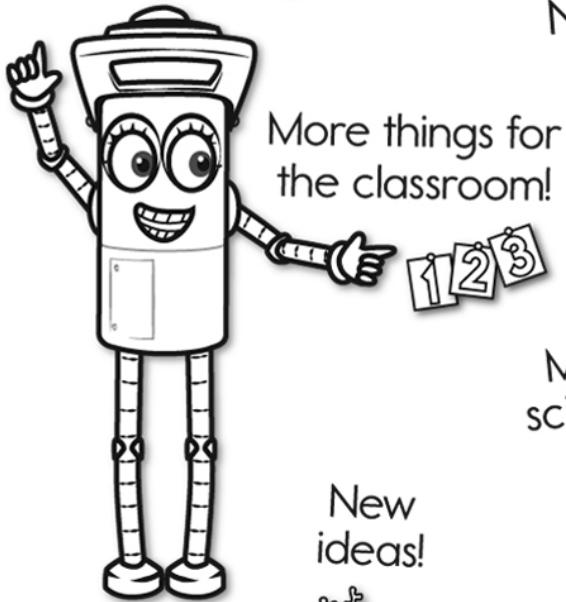


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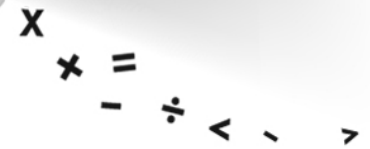
More history!



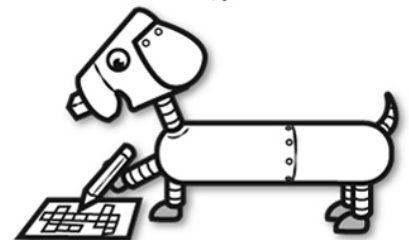
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