

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

Hunter made some very strange pancakes. He put blue food coloring in the batter and made blue pancakes shaped like pentagons. The sides of the pancakes were 8.5 cm each. What is the perimeter of one pancake?

"Simplify your life. Find extra minutes or even hours in your day. You can have at least 47% more free time. To find out how, just send us \$25 today," the television announcer trumpeted. Write 47% as a decimal.

A package of 12 jasmine blossom teabags sells for \$1.85. The weight of the tea in each bag is 1.89 grams. How much does jasmine tea cost per gram?

Round 8,506 to the nearest thousand.

$$9 \div 1 + 5$$

How many centimeters in 470.5 meters?

It took Rosa 455 minutes to read a book written by James Thurber. How many hours did it take to read the book?

Nathan was trying to figure out which was larger,  $\frac{2}{3}$  or  $\frac{3}{4}$ . His friend Emma suggested he draw two equally sized rectangles and use those to figure it out. How would Nathan do it using Emma's suggestion?

Eric said that  $\frac{4}{5}$  was bigger than  $\frac{1}{2}$ . What are two ways he could prove his statement correct?

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

Jack's mom is preparing a vegetarian dinner. Jack has two and a half hours before dinner is ready. He does his homework for one and a third of an hour, plays a video game for two-thirds of an hour, and then watches television until dinner. How long does he watch television?

A Sally Ride Festival was held in Miles City to encourage middle school and high school girls to study math and science. Of the girls who attended,  $\frac{3}{5}$  were in 7th grade,  $\frac{1}{4}$  were in 8th grade, and the rest were in high school. What fraction of the girls was in high school?

$$35 + n = 51$$

$$80 \div 10 + 7$$

Write  $\frac{9}{12}$  in lowest terms.

The top three languages in Nevada are English, Spanish, and Tagalog. The population of Nevada is approximately 2,177,000. If  $\frac{4}{5}$  of the people speak Spanish or Tagalog or both, how many people speak English?

Our neighbor, Mrs. Walker, said her family originally immigrated to Canada in 1837. How many years ago did her family immigrate to Canada?

It took Mrs. Wilson 2 hours and 20 minutes to make the pies for the fair. Rewrite the mixed number as a fraction.

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

Megan wanted to make lasagna. She had a recipe that made enough for 3 people. The recipe used 8 lasagna noodles. If Megan wants to make lasagna for 9 people, how many noodles will she need?

Anne used a rectangular glass container to make a terrarium on Quiet Day. The container is 5 feet x 1.2 feet x  $\frac{1}{2}$  feet. She will fill  $\frac{1}{4}$  of it with dirt. How many cubic feet of dirt will she need?

There are 2 prime numbers greater than 27 but less than 37. Name them.

Ava rode her bike for 45 minutes. She went 8.85 miles. What is her speed in miles per hour?

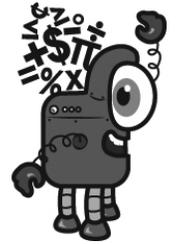
Name: \_\_\_\_\_

Mental Math

— #1 —

◆ Start with the number 8.

8



◆ Triple that number.

1 9 8 5 3 2 4 0 9 5 (Circle your answer to double check you are correct.) \_\_\_\_\_

◆ Round to the nearest ten.

2 6 3 8 2 0 5 2 8 8 \_\_\_\_\_

◆ Divide that number in half.

7 5 1 0 6 5 1 2 2 5 \_\_\_\_\_

◆ Multiply by 8.

8 2 5 8 0 6 3 8 1 0 \_\_\_\_\_

◆ Subtract 13.

6 7 9 3 4 8 5 5 2 1 \_\_\_\_\_

Mental Math

— #2 —

☞ Start with the product of 11 and 6.

7 4 8 5 4 2 9 6 6 4 (Circle your answer to double check you are correct.) \_\_\_\_\_

☞ Multiply the tens digit by the ones digit. The product is your new number.

3 3 6 3 4 9 2 7 5 5 \_\_\_\_\_

☞ Round to the nearest ten.

6 4 2 2 1 8 4 0 3 8 \_\_\_\_\_

☞ Find one-eighth.

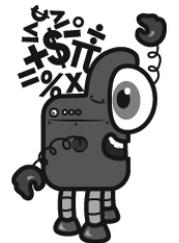
7 3 5 2 8 1 6 4 5 3 \_\_\_\_\_

☞ Add the number of inches in 2 feet.

4 2 9 1 6 6 8 6 3 0 \_\_\_\_\_

☞ Multiply the tens digit by the ones digit. The product is your new number.

9 1 3 9 2 1 8 5 1 6 \_\_\_\_\_



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

<p>David's grandparents drove 1,201 miles on their vacation last summer. They took 5 days to make the trip. They drove 4 hours each day. What was the average number of miles they drove in an hour? Round your answer to the nearest tenth.</p>	<p>David decided to write a letter to his favorite uncle on Blah Buster Day. He wrote the letter on his computer and printed it on bright blue paper. It took him 29 minutes to write the letter. If he started writing it at 2:21 p.m., what time did he finish the letter?</p>	<p>Max and Connor are making posters for Keep America Beautiful Month. Max worked on his poster from 9:13 a.m. until 10:07 a.m. Connor worked on his poster for 1 hour and 20 minutes. How much longer did Connor work than Max?</p>
--	--	--

$10 \times 4 = \underline{\hspace{2cm}}$	Write 35,707 in words. _____
--	---------------------------------

<p>You cannot decide what pizza store to go to. Megan's pizza cuts their pizza into 7 slices. Each slice costs \$5 each. Anne's pizza cuts their pizza into 4 slices. Each slice costs \$3 each. If you like each pizza the same, which pizza store has the better buy?</p>	$\begin{array}{r} 37 \\ - 18 \\ \hline \end{array}$	$12 \div 4 = \underline{\hspace{2cm}}$  $\begin{array}{r} 391 \\ + 419 \\ \hline \end{array}$
---	---	---

<p>The letters B and I each have a line of symmetry. Name another letter between B and I that has a line of symmetry.</p> <p>_____</p>	<p>How many pounds are in 80 ounces?</p> <p>_____ pounds</p>
--	--

$55,768 + 25,439 = \underline{\hspace{2cm}}$
--

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

13 kg = _____ g	$4,539 - 1,241 =$ _____	$8 \times 2 =$ _____
-----------------	-------------------------	----------------------

Can 594 be evenly divided by 9? Circle: 594 is NOT evenly divisible by 9 594 is evenly divisible by 9	$3,421 + 8,615 =$ _____
	What time is 14 hours after 1:00 a.m.? _____
	$80 \div 8 =$ _____

1 km = 1,000 m  10 km = _____ m	$\begin{array}{r} 35 \\ + 37 \\ \hline \end{array}$	$954 + 485 =$ _____
---------------------------------------	---	---------------------

$(8 + 7) + 6 =$	$4 \times 8 =$	$\begin{array}{r} 848 \\ - 659 \\ \hline \end{array}$
-----------------	----------------	---

Circle the greatest number: 86,572,930      8,401 975,623      41,365,097,284	$8,353 - 1,261 =$ _____
---	-------------------------

$45 \div 9 =$	$6,724 + 8,121 =$ _____	$11 \times 4 =$
---------------	-------------------------	-----------------

Holly rolls a die. What is the chance of her rolling a 6? _____	$6 \times 11 =$ _____	Circle the addition property for $66 + 187 = 187 + 66$ . associative property commutative property
	$7 \times 9 =$ _____	

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

$25 \div 5 = \underline{\hspace{2cm}}$	<p>You are given four cards. One card has the number 1 on it, another card has a 2, another card has a 3, and the last card has the number 4 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?</p>	<p>Which is the better buy?          Nine bags of candy for \$18 or three bags of candy for \$9?</p>
		<p>Write the numbers 30 to 45 on a sheet of paper. How many of these numbers are divisible by 9?</p> <p>_____</p>

$44 \div 4 = \underline{\hspace{2cm}}$	<p>Circle the smallest number:</p> <p>16,093,023,968          42,758          3,861,295,407          74,155,691</p>	$6 \times 11 = \underline{\hspace{2cm}}$
--	---	--

<p>What number is halfway between 8 and 15?</p>	$93,514 - 36,363 = \underline{\hspace{2cm}}$
---	--

$5 \times 8 = \underline{\hspace{2cm}}$	<p>Fill in the missing operations to complete this equation:</p> <p>18 ____ 6 ____ 24 = 27</p>	$28 \div 4 = \underline{\hspace{2cm}}$
---	--	--

$7 \times 6 = \underline{\hspace{2cm}}$	<p>Megan is older than Hannah. Hannah is younger than Jenna. Who's the youngest?</p>	$30 \div 3 = \underline{\hspace{2cm}}$
---	--	--

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

1 • 7 • = • 6 • 3 • 2 • 3 • = • 6 • 0 • 1 • 2 • ÷ • 6 • = • 2  
0

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

	<b>x</b>		<b>=</b>	<b>7</b>					
		<b>x</b>							
		<b>1</b>	<b>2</b>	<b>÷</b>	<b>2</b>				
		<b>=</b>							
		<b>7</b>	<b>x</b>		<b>=</b>		<b>1</b>		
				<b>5</b>					
				<b>3</b>	<b>÷</b>	<b>1</b>	<b>=</b>		
				<b>3</b>		<b>7</b>			
<b>0</b>			<b>5</b>	<b>x</b>	<b>9</b>		<b>4</b>	<b>5</b>	
<b>x</b>						<b>5</b>			
<b>3</b>		<b>÷</b>	<b>5</b>	<b>=</b>	<b>6</b>				
<b>=</b>									
					<b>8</b>				

$4 \times 9 =$ _____	$7 \times 6 =$ _____	$132 \div 12 =$ _____	
$20 \div 5 =$ _____	$868 - 458 =$ _____	$4 \div 2 =$ _____	

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



$96 \times 2 =$

$73 \times 2 =$

$17 \times 8 =$

$10 \times 5 =$

$65 \times 3 =$

$98 \times 3 =$

$24 \times 4 =$

$45 \times 7 =$

$86 \times 5 =$

$34 \times 6 =$

$26 \times 5 =$

$67 \times 4 =$



$\_ \times 9 = 72$

$\_ \times 6 = 12$

$7 \times \_ = 42$

$9 \times \_ = 45$

$7 \times \_ = 35$

$\_ \times 3 = 12$

$\_ \times 3 = 6$

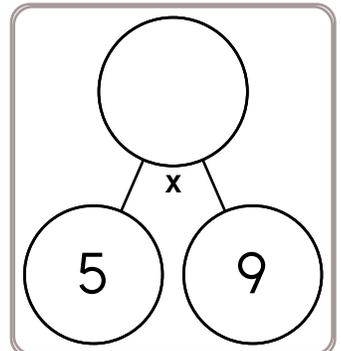
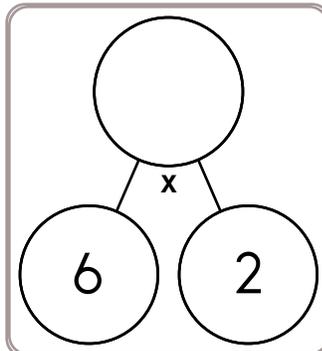
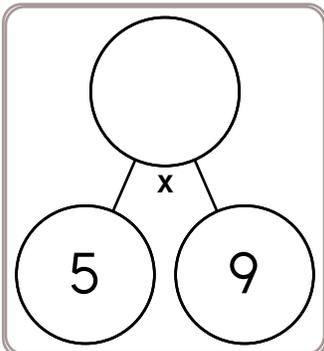
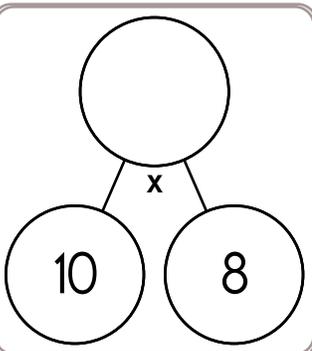
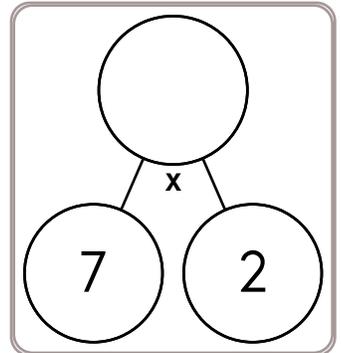
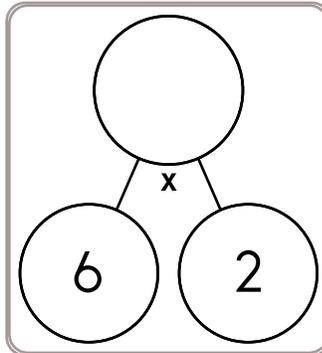
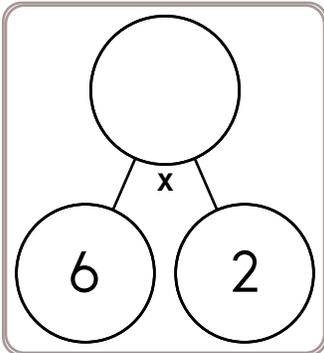
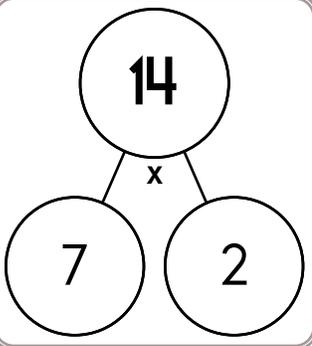
$3 \times \_ = 12$

$5 \times \_ = 20$

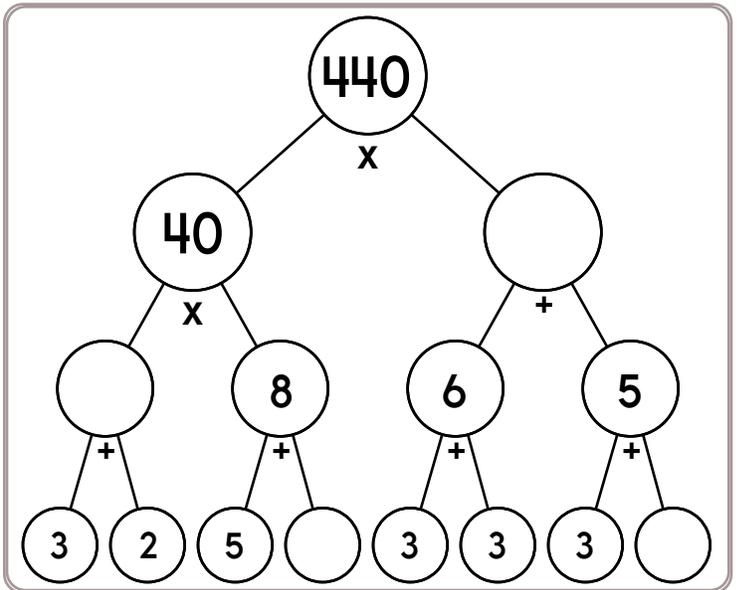
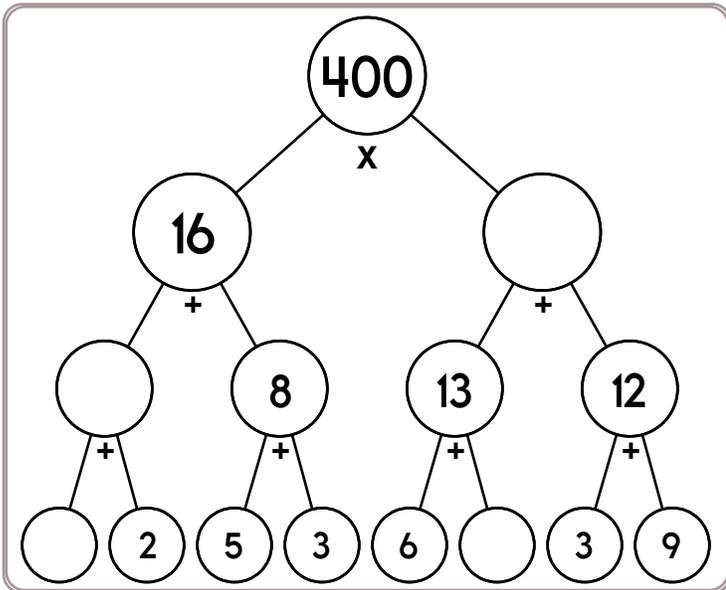
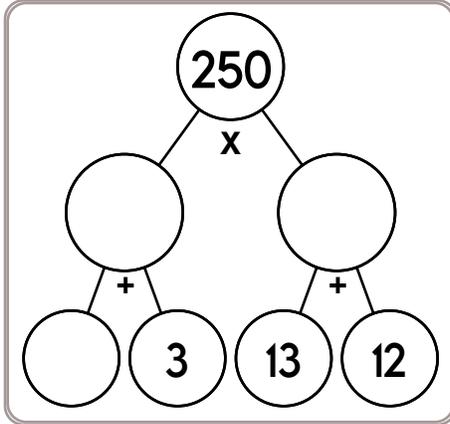
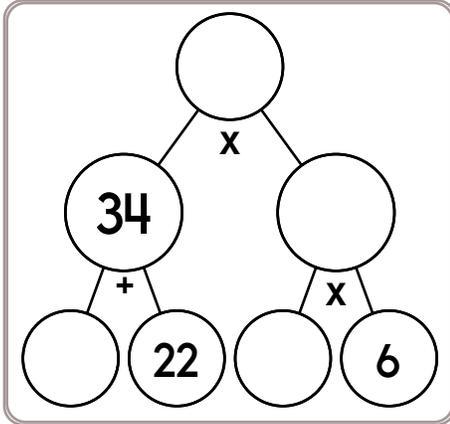
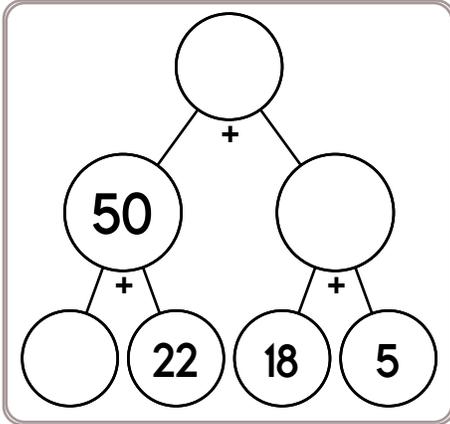
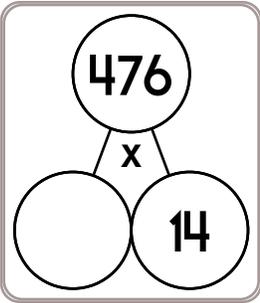
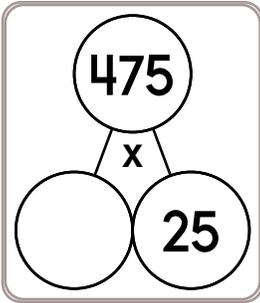
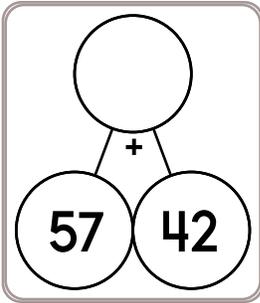
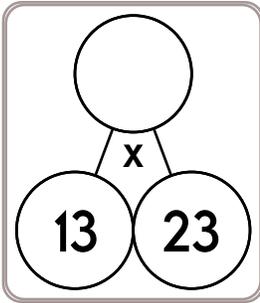
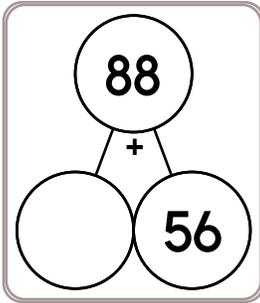
$\_ \times 8 = 16$

$7 \times \_ = 28$

$\_ \times 4 = 8$



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



Rewrite  $\frac{1}{5}$  as a decimal.

$3.2156 \times 10^2 =$

What is the remainder of 138 divided by 17?

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

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$44.53 any way you want!

Make \$13.52 any way you want!

Make \$46.56 any way you want!

Make \$17.43 any way you want!

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

Draw a line from START to END.

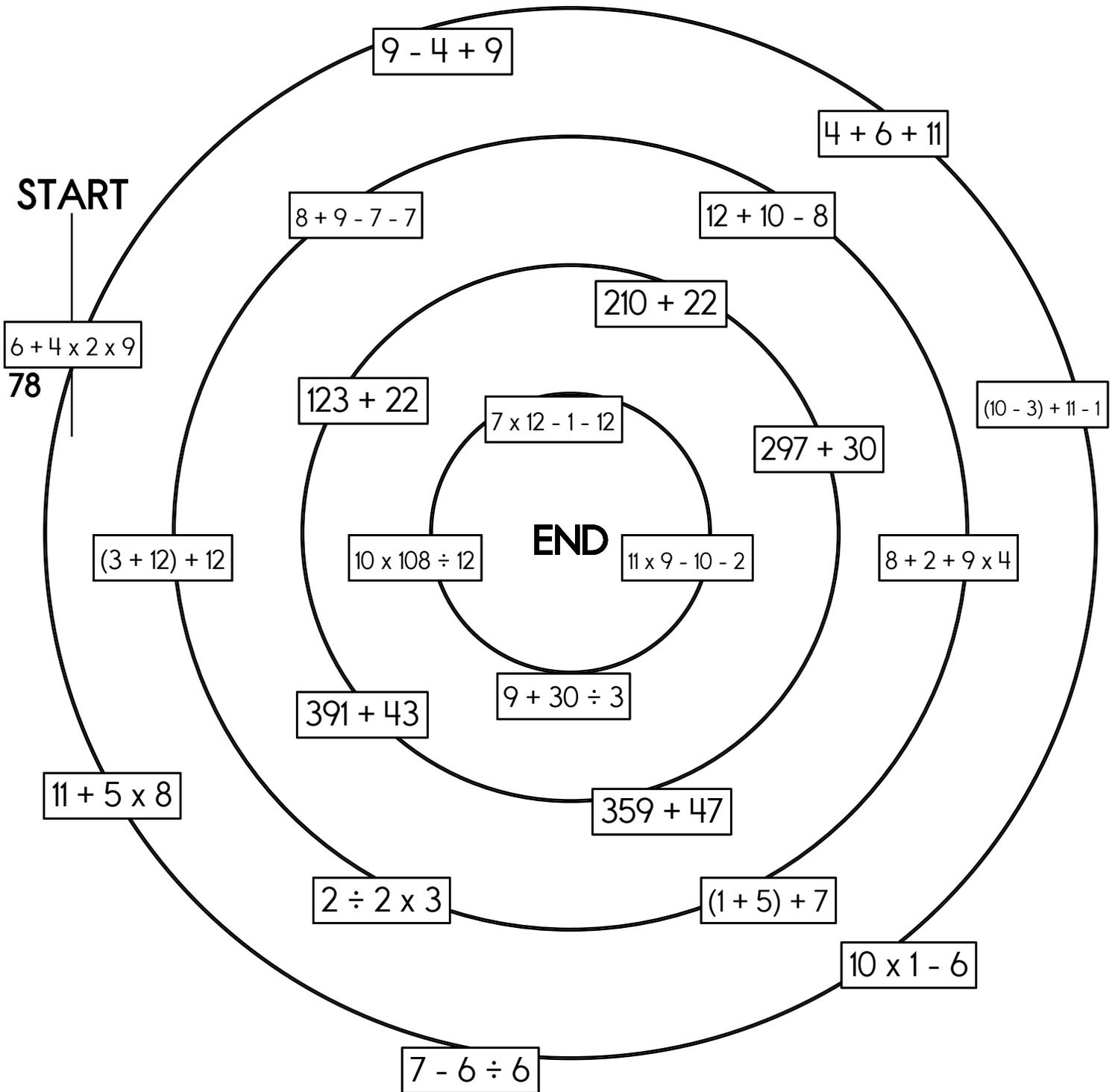
~~78~~

87

13

406

Cross out the number you use above and then write it below.



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

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

8            6            9            7            1            6            4

The sum of these two 2-digit numbers is 162. Write the full equation.

Use ALL of these digits, including the decimal point. Cross off a digit after you use it.

.                            6                            9                            6

Write the closest number that you can to 6.4. Remember to use all the digits and the decimal point.



What kind of angle is this?

Sketch 2 lines  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{TU}$  that are intersecting.

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

Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

			sum of 10 ↓				sum of 10 ↓
	sum of 7 ↓	sum of 13 →	8	2	3	sum of 7 ↓	
sum of 5 →					sum of 10 →		
sum of 9 ↓		sum of 5 ↓	sum of 5 ↓	sum of 9 →			
							sum of 5 ↓
	sum of 7 ↓				sum of 6 ↓		
sum of 8 →							
				sum of 5 →			

sum of 5 →			sum of 4 →				
		sum of 7 ↓	sum of 8 ↓	sum of 4 ↓			sum of 8 ↓
sum of 10 ↓	sum of 5 →					sum of 8 ↓	
4	sum of 8 →						
3	sum of 6 →						sum of 12 ↓
3	sum of 6 ↓		sum of 9 ↓		sum of 10 →		
		sum of 10 →					
sum of 8 →				sum of 9 →			

$74,559 + 98,149 = \underline{\hspace{2cm}}$  $80 \div 8 = \underline{\hspace{2cm}}$	<p>The product of two consecutive whole numbers is 210. What are the two consecutive whole numbers?</p>
--	---

<p>For 4,310,005,787, write the digit that is in the hundred thousands place.</p> <p>_____</p>	<p>Write an equation to represent this: The sum of nine and ten is nineteen.</p> <p>_____</p>
--	---

$596 - 578 = \underline{\hspace{2cm}}$	$10 \times 10 = \underline{\hspace{2cm}}$
--	---



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

$$17 - \frac{1}{2} =$$

Reduce  $\frac{54}{72}$  to its lowest terms.

$$14 - \frac{8}{11} + \frac{3}{7} =$$

Write the reciprocal.

$$\frac{16}{13}$$

Write the reciprocal.

$$\frac{2}{21}$$

Write the reciprocal.

$$\frac{8}{7}$$

$$1\frac{1}{2} \div \frac{6}{7} =$$

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

$$9 \times \frac{11}{12} =$$

Write the reciprocal.

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

Write the reciprocal.

$$12$$

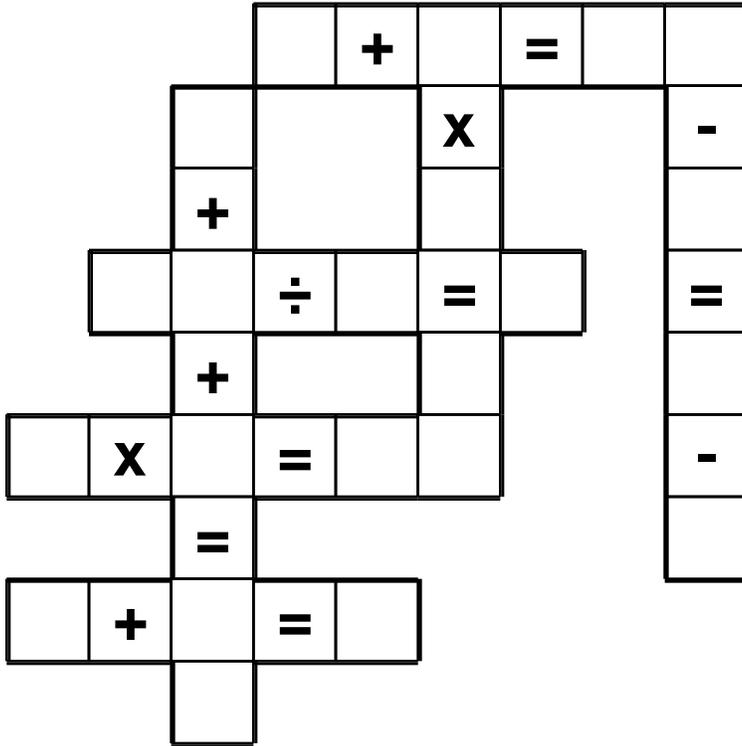
Write the reciprocal.

$$9$$

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

7 • 5 • 1 • 2 • 0 • 6 • 1 • 1 • 6 • 8 • 2 • 3 • 8 • 5 • 4 • 2 • 0  
7 • 4 • 1 • 5 • 0

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



$$13.9537 \times 10^2 =$$

$$666 \div 10$$

$$y = x + 15$$

$$y = 23$$

What is the value of x?

The letter p is used to represent power points in a game, which can range from 214 to 288 points. Express this as an inequality.

$$\frac{1}{3} + \frac{x}{7} = \frac{10}{21}$$

$$x =$$

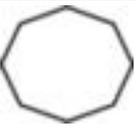
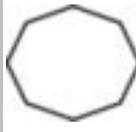
The letter V has an unknown value. If you multiply V by fifteen, the product is three. What value does V have?

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

Each row, column, and box must have the numbers 1 through 6. The first box is done.

6	2	4	3		1
1	5	3			
3	4		2		
5					
		1		6	
	6				4

Each row, column, and box must have 6 different pictures.

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

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

1	4	1				4
2	3	2	3			1
1	4	1	5	4	2	5
2	5	3	2	1	3	1

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

2 5 3 4 1

1	5	2	1	2			2
2	4	3	4			3	1
1	5	1	2	5		5	2
2	3	4	3	1	4	3	1

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 2 3 4 1

3	1			3	4	1
		3	5	2	5	2
1	2	1	4	1		1

Hint - These numbers are missing:

3 1 2 5 4

		1	5		2	4
4		4	2	4	1	
1	2	3	1	5	2	3

Hint - These numbers are missing:

1 3 5 5 3

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

### Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 9.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

1	6
---	---

1	9	5			2	7	6	
6	8							
				5				1
	6		7	8		2		4
4		9	2					7
		7		1			3	6
	7							9
		4		6	9			3
9		6						

$3 \times 2 = \underline{\hspace{2cm}}$

Write the missing family fact.  
 $130 \div 10 = 13$   
 $10 \times 13 = 130$   
 $13 \times 10 = 130$   
 \_\_\_\_\_

$7 \times 4 = \underline{\hspace{2cm}}$



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

Select the word or phrase whose meaning is closest to the given word.

<p><b>OMNIPOTENT</b></p> <p>ubiquitous all knowing all powerful weak controlling</p>	<p><b>INTREPID</b></p> <p>native terrible inspiring terrifying fearless</p>	<p><b>FERVENT</b></p> <p>outdated bored tiring passionate creative</p>
<p><b>BAR</b></p> <p>admit block protect exhaust expunge</p>	<p><b>VOGUE</b></p> <p>questionable outdated murky fashionable smart</p>	<p><b>SURLY</b></p> <p>tepid entertaining sloped unfriendly twisting</p>
<p><b>SARDONIC</b></p> <p>mild fishy sarcastic defensive disciplinary</p>	<p><b>MAR</b></p> <p>clarify garble appease concern damage</p>	<p><b>ARCANE</b></p> <p>esoteric magical philosophical handicapped excited</p>

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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



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

### Can you guess the word?

No duplicate letters can be used.

**J** A C K E T

The letter **J** is in the word  
and is in the correct spot.

L **O** C A T E

The letter **O** is in the word,  
but **O** 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.

I M P O R T  
**R E M A I N**

B C D F G H J K L Q S U V W X Y  
Z

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

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

Hint: There are no duplicate letters in the answer.

**E** X H O R T  
**S** H R I **E** K

A B C D F G J L M N P Q U V W Y  
Z

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

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

Hint: There are no duplicate letters in the answer.

**E** N O U G H  
**M** E N T A L  
**P** A R **E** N T

B C D F I J K Q S V W X Y Z

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

D E E N Q N N L M P A P U B T D N A C  
R N T A Z U D E A E P R A E R N A V T  
A D A O M R A N E D N E D R D W L D A  
N W T G Y P A E A A K T N E E E T E E  
Z T A O A N D M P P N D A P N N N D E  
V D T D N Z T L B R P O A L T T T N D



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

Hint: There are no duplicate letters in the answer.

F	L	A	S	H
O	C	E	A	N

B D G I J K M P Q R T U V W X Y  
Z

--	--	--	--	--

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

Z G G L N K Z O O N L Y O N R  
 S R M O N N S B E O Y O R Z K  
 S E Q H R O R G A N O O W W D  
 L C I R R L N P G A G O L A O  
 E G F L A S H O R L O A S R G  
 P F E B G X P R T O O F L O P  
 G P L M Y T O G L S O N R G G  
 P A Q G O C E A N R A D L F M

Hint: There are no duplicate letters in the answer.

G	U	E	S	T
G	R	A	N	D

B C F H I J K L M O P Q V W X Y  
Z

--	--	--	--	--

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

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

Hint: There are no duplicate letters in the answer.

F	R	O	S	T
R	E	P	L	Y
H	A	R	D	Y

B C G I J K M N Q U V W X Z

--	--	--	--	--

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

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

Hint: There are no duplicate letters in the answer.

A	R	G	U	E
R	O	Y	A	L
H	A	R	D	Y

B C F I J K M N P Q S T V W X Z

--	--	--	--	--

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

A I Y I R A D V D Y H D Y O O A I P I  
 R D R D O A R A V I H A A U R A Y A D  
 H N R I J Y I O I U I H R I C R A R A  
 Y L A Y A I H D Y Y A A F D R I S Q A  
 N Y I C K D C R R A Y A D R Y Y T I Y  
 C L H Y X A I D R D L Y I H Y D Y A A



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

Hint: There are no duplicate letters in the answer.

A	R	D	E	N	T
T	O	W	A	R	D

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

--	--	--	--	--	--

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

W O Y D R J O A W D W T K N W  
D W D O W W H O W F D S Y E O  
A T E L W T A T E R R Q W A D  
E I A D W A R A T W W R W R D  
V R O R A W D W D D A T T I D  
R W W R M W E D A R P D R Y R  
D D U T W O N R T O W A R D W  
W A O O U T T Y D Y R A D D H

Hint: There are no duplicate letters in the answer.

S	P	R	I	N	G
F	O	S	T	E	R

A B C D H J K L M Q U V W X Y Z

--	--	--	--	--	--

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

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

Hint: There are no duplicate letters in the answer.

F	O	S	T	E	R
S	O	U	R	C	E

A B D G H I J K L M N P Q V W X  
Y Z

--	--	--	--	--	--

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

O C D O C F R V E U G U Z W C  
C P O U S S O R E U R R R R U  
E R C U T S V S C T S C S S B  
U O O R R O C T F E P O Q A  
X O S S U S D U E E L C U E O  
P E C U X T E E R E R E C T C  
S R O C K S C S R C S C E Z U  
U U O O E R N C R C E O F R F

Hint: There are no duplicate letters in the answer.

S	T	U	P	O	R
R	E	C	O	I	L

A B D F G H J K M N Q V W X Y Z

--	--	--	--	--	--

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

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

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

### Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	3	3	3	3	4	4	4	4	5	6	7	8	10	9	9
P	3						/				/	/			
Q	3	/	/	/	/			/			/				
R	4										/				
S	5	/													
T	6			/				/							
U	7	/	/	/	/			/							
V	11														
W	15														
X	15														
Y	13														

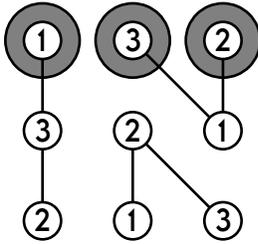
- CLUE A: Color in 3 consecutive boxes.
- CLUE B: Color in 3 consecutive boxes.
- CLUE C: Color in 3 consecutive boxes.
- CLUE D: Color in 3 consecutive boxes.
- CLUE E: Color in 4 consecutive boxes.
- CLUE F: Color in 4 consecutive boxes.
- CLUE G: Color in 4 consecutive boxes.
- CLUE H: Color in 4 consecutive boxes.
- CLUE I: Color in 5 consecutive boxes.
- CLUE J: Color in 6 consecutive boxes.
- CLUE K: Color in 7 consecutive boxes.
- CLUE L: Color in 8 consecutive boxes.
- CLUE M: Color in all the boxes in this column.
- CLUE N: Color in 9 consecutive boxes.
- CLUE O: Color in 9 consecutive boxes.

- CLUE P: Color in 3 consecutive boxes.
- CLUE Q: Color in 3 consecutive boxes.
- CLUE R: Color in 4 consecutive boxes.
- CLUE S: Color in 5 consecutive boxes.
- CLUE T: Color in 6 consecutive boxes.
- CLUE U: Color in 7 consecutive boxes.
- CLUE V: Color in 11 consecutive boxes.
- CLUE W: Color in 15 consecutive boxes.
- CLUE X: Color in 15 consecutive boxes.
- CLUE Y: Color in 13 consecutive boxes.

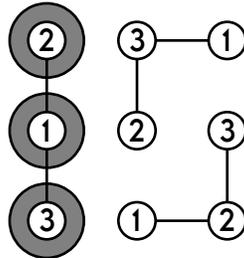
Don't forget to double check when you are done!

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

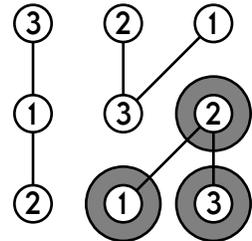
Each column must contain different numbers.



Each row must contain different numbers.



Each connected group must contain different numbers.



Use the numbers 1 through 5.

Use the numbers 1 through 5.

Use the numbers 1 through 6.

Use the numbers 1 through 5.

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

Each row, column, and box must have the numbers 1 through 6.

				4	3
			5	6	
	1	6			
		4		3	
		2			4
	6				

Each row, column, and box must have the numbers 1 through 6.

	3			4	
		4			
				3	
	2	5			
6		2	4	5	
4					6

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

### Sudoku Sums of 9

Each row, column, and box must have the numbers 1 through 9.  
 Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 9.

Here is an example of a sudoku sum of 9:

2	7
---	---

1					9		6	
	3	8		2	5	7		
				3			4	
					7		1	9
		9	1		2			
7				8			2	
	8					6		
				1				
	5				3			

Rewrite  $\frac{49}{100}$  as a decimal.

Simplify.

$$\frac{5,700}{15,200} =$$

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

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

Each row, column, and box must have the numbers 1 through 9.

	2	9		4				
5			6	2				
	3					9		5
							7	
1					4	6		9
			9			5		
		4	3	6	7			
		3	2					
6	1			8		2		

On a number line, what is the number that is 8 to the left of 2?

Rewrite  $11 - 1$

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

$12 + -6 = \underline{\quad}$

$12 - 6 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

In the number 51,341,456, the digit 6 is in what place?

\_\_\_\_\_

$21 \div 3 = \underline{\quad}$

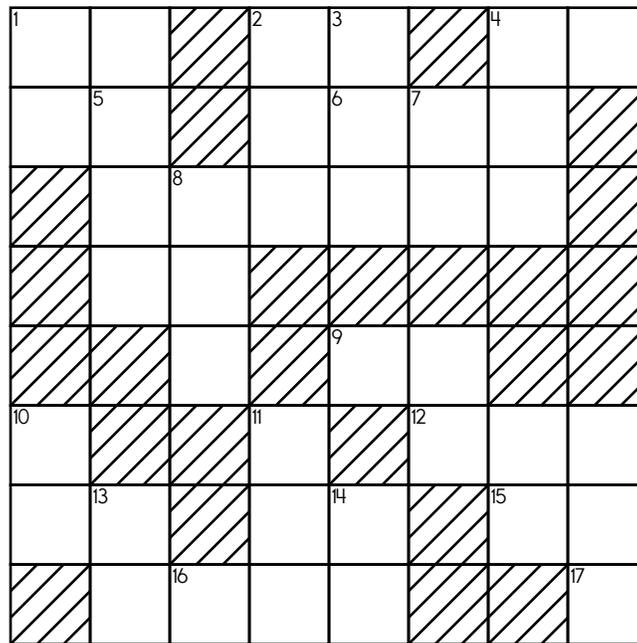
Name: \_\_\_\_\_

**ACROSS**

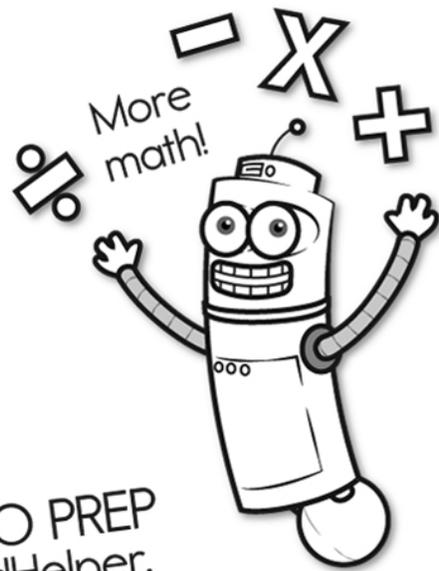
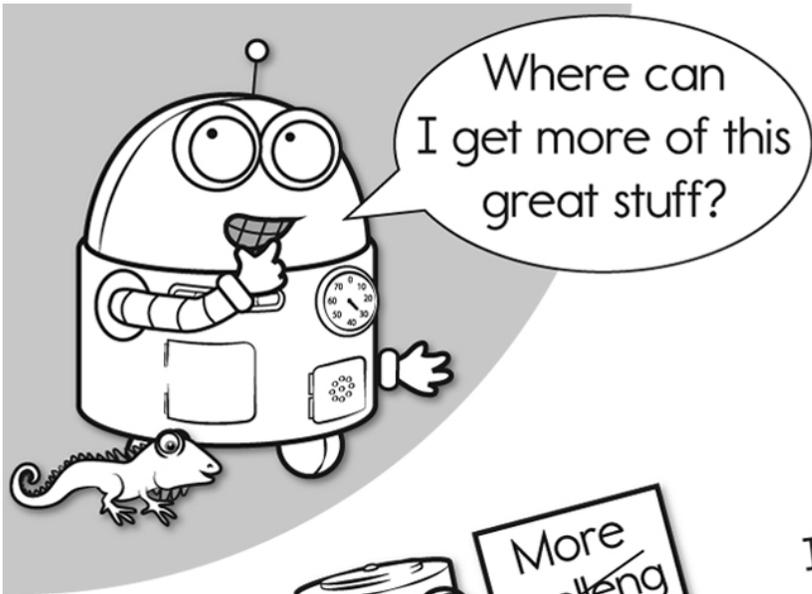
**DOWN**

- 1. One-fifth of 12-Across
- 4. One-fourth of 13-Down
- 6. One less than 12-Across
- 9. One-third of 6-Across
- 12. **Nickels in eight dollars**
- 15. Nine more than 7-Down
- 16. 6-Across plus 11-Down
- 17. One-fourth of 1-Across

- 1. Eight less than 10-Down
- 2. 6-Across plus 9-Across
- 3. 12-Across plus 9-Across
- 4. Six times 1-Across
- 5. Five less than 6-Across
- 7. One-fourth of 2-Down
- 8. Six less than 3-Down
- 10. Six more than 1-Across
- 11. 12-Across plus 3-Down
- 13. Two times 10-Down
- 14. Six more than 13-Down
- 16. One-sixth of 1-Down

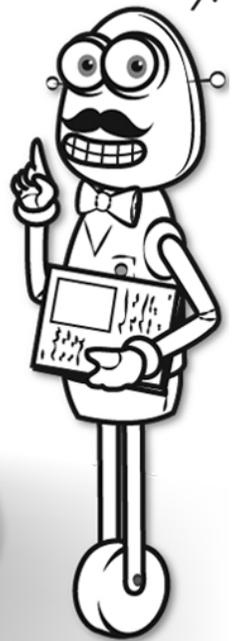
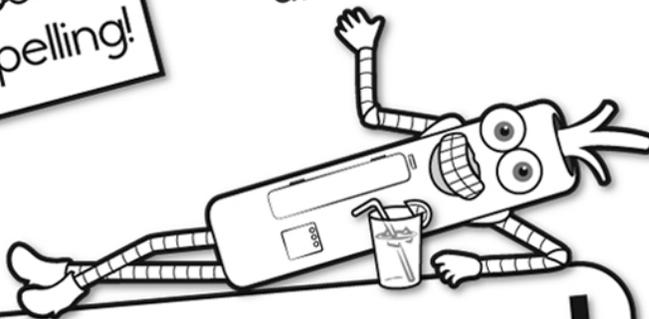


$6 \times 10 = \underline{\hspace{2cm}}$	Circle the digit in the hundredths place. 9,567.6474
$10 \times 6 = \underline{\hspace{2cm}}$	
$48 \div 4 = \underline{\hspace{2cm}}$	$3,886 - 2,761 = \underline{\hspace{2cm}}$

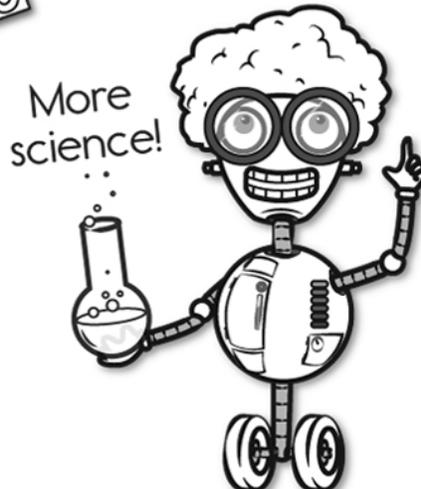
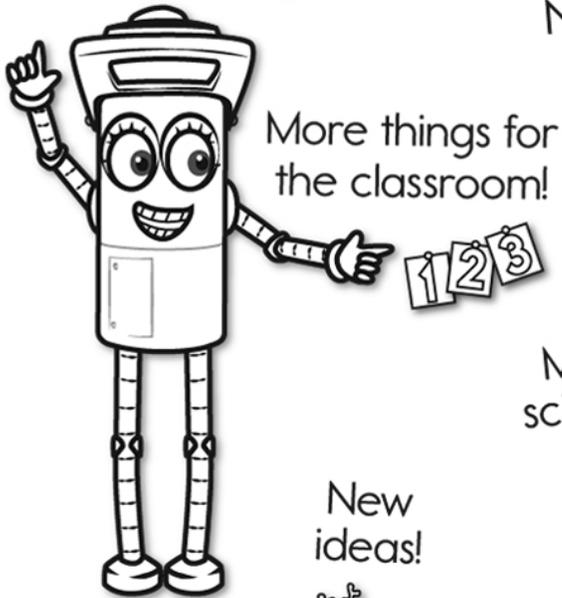


It's NO PREP at edHelper.

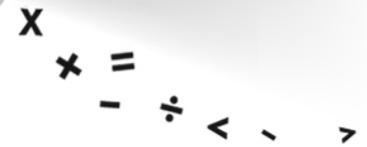
More history!



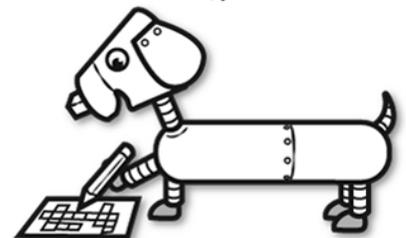
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