

Name: _____

$$\begin{array}{r} 742 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 53,282 \\ - 45,611 \\ \hline \end{array}$$

447 is how much more than 494?

Write the reciprocal.

$$\frac{2}{8}$$

Write the reciprocal.

$$\frac{9}{15}$$

Write the reciprocal.

6

Find 42% of 213.

Find 75% of 232.

Change 13% to a decimal.

9 is what percent of 45?

78 is what percent of 195?

Change to percents.

$$\frac{45}{100} =$$

$$\frac{10}{100} =$$

$$\frac{37}{100} =$$

$$\frac{8}{10} =$$

$$\frac{62}{100} =$$

$$\frac{9}{10} =$$

Name: _____

Complete each pattern. Write what the rule is.

_____, _____, 844129, 298441, 412984, 844129, 298441,
412984, 844129, 298441, 412984, 844129, 298441, 412984

38737, 37387, 87373, 73873, 73738, 38737, _____,
_____, 73873, 73738, 38737, 37387, 87373, _____

Complete each pattern. Write what the rule is.

$29\frac{1}{4}$, $27\frac{7}{12}$, $27\frac{1}{3}$, $25\frac{2}{3}$, $25\frac{5}{12}$, $23\frac{3}{4}$, $23\frac{1}{2}$,
 $21\frac{5}{6}$, $21\frac{7}{12}$, $19\frac{11}{12}$, _____ , _____ , $17\frac{3}{4}$

$27\frac{1}{4}$, **27** , $25\frac{1}{3}$, $25\frac{1}{12}$, $23\frac{5}{12}$, $23\frac{1}{6}$, $21\frac{1}{2}$,
_____, _____ , $19\frac{1}{3}$, _____ , $17\frac{5}{12}$, $15\frac{3}{4}$, $15\frac{1}{2}$

Name: _____

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

38% of 50 ●

● 93% of 100

10% of 100 ●

● 66% of 150

34% of 150 ●

● 100% of 118

41% of 200 ●

● 50% of 20

59% of 200 ●

● 25% of 76

26% of 50 ●

● 52% of 25

75% of 68 ●

● 62% of 150

99% of 100 ●

● 82% of 100

$$25 + -28 =$$

$$120 \div -12 =$$

$$-40 \div 8 =$$

$$9 + (96 \div 8) - 30 \div 3 =$$

Simplify.

$$0.9 (0.6 (0.9 + 3)) =$$

$$\frac{50}{75} =$$

$$4 \times 56 \div 8 - 9 \div 3 =$$

$$t - 19 + 7 = 18$$

What is the value of t?

Rewrite $\frac{9}{25}$ as a decimal.

$$|-75| - [54] =$$

Rewrite $\frac{3}{50}$ as a decimal.

Circle the percentage that is closest to 25 out of 61:

14%

59%

14%

Name: _____

61	$-7\frac{1}{3}$		+37		$+6\frac{1}{2}$		-4	
								+34
			-13		-11		$-\frac{3}{4}$	
			$+\frac{1}{4}$		-54		+14	
$+\frac{2}{4}$		+47						
					$-1\frac{1}{3}$		$-\frac{1}{2}$	
$-\frac{2}{3}$		-2		$-\frac{1}{2}$	$122\frac{1}{4}$		-46	$59\frac{1}{6}$

$$6\frac{2}{3} + 4\frac{1}{3}$$

The diameter of a circle is 524 cm. What is the radius of this circle?

$$10 \div \frac{1}{2}$$

$$108 \div 9 - 11$$

Write $\frac{8}{16}$ in lowest terms.

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

Name: _____

<p>Wendy bought purple, green, and gold streamers to put all the way around the librarian's desk on Mardi Gras Day. The desk is in the shape of a triangle with sides of 5m, 3m, and 5m. The streamers cost \$0.39 per meter. What will it cost to buy enough to wrap around the desk 3 times?</p>	<p>The director asked the cameraman for a close-up of the actress done from a 30° angle to show deep shadows. What is the measure of an angle that is supplementary to the 30° angle?</p>	<p>Carol's Candies made a certain number of pecan clusters for Candy Month. The number of clusters is between 455 and 555. The tens digit is three more than the ones digit. The sum of the tens and ones digits is 9. How many pecan clusters were made?</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word	Sum									
<div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> 12461218 </div> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">S</td> <td style="width: 12.5%;">I</td> <td style="width: 12.5%;">N</td> <td style="width: 12.5%;">G</td> <td style="width: 12.5%;">L</td> <td style="width: 12.5%;">E</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> </table>	S	I	N	G	L	E			<table border="1" style="width: 50px; height: 30px; margin: 0 auto; text-align: center; border-collapse: collapse;"> <tr> <td style="font-size: 1.2em;">13</td> </tr> </table>	13
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<div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> 124 </div> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;">A</td> <td style="width: 25%;">P</td> <td style="width: 25%;"></td> </tr> </table>		A	P		<table border="1" style="width: 50px; height: 30px; margin: 0 auto; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> </tr> </table>					
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	E									

Name: _____

$\begin{array}{r} 22 \\ + 38 \\ \hline \end{array}$	$45 \div 9 = \underline{\hspace{2cm}}$	<p>Hannah is older than Mary. Maria is older than Mary. Who's the youngest?</p>
-----------------------------------------------------	----------------------------------------	---------------------------------------------------------------------------------

<p>Holly rolls a die. What is the chance of her rolling a 4?</p> <p>_____</p>	$33 \div 3 =$	<p>The product of two consecutive whole numbers is 156. What are the two consecutive whole numbers?</p>
$12 \times 10 =$	$\begin{array}{r} 304 \\ - 170 \\ \hline \end{array}$	

<p>Can 924 be evenly divided by 10? Circle: 924 is evenly divisible by 10 924 is NOT evenly divisible by 10</p>	<p>April rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being ten?</p>
-------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------



$4 \times 10 = \underline{\hspace{2cm}}$	$\begin{array}{r} 218 \\ + 411 \\ \hline \end{array}$	$52,883 + 37,892 = \underline{\hspace{2cm}}$
------------------------------------------	-------------------------------------------------------	----------------------------------------------

$33 \div 3 =$	$\begin{array}{r} 55 \\ - 21 \\ \hline \end{array}$	<p>Emma rolls two dice. What is the chance of her rolling a 6 on one die and a 6 on the other die?</p> <p>_____</p>	$35 \div 5 = \underline{\hspace{2cm}}$
---------------	-----------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	----------------------------------------

Name: _____

<p>Can 405 be evenly divided by 3? Circle: 405 is evenly divisible by 3 405 is NOT evenly divisible by 3</p>	<p>Fill in the missing operations to complete this equation: 36 ____ 18 ____ 28 = 30</p>
	<p>21 ÷ 3 = _____</p>

<p>1 cm = 10 mm 11 cm = _____ mm</p>	<p>18 lb = _____ oz</p>	<p>Four fancy pens cost \$12. At that rate, what is the cost of 16 fancy pens?</p>
------------------------------------------	-------------------------	------------------------------------------------------------------------------------

<p>10 x 4 = _____</p>	<p>11 x 5 = _____</p>	<p>683 + 841 = _____</p>
-----------------------	-----------------------	--------------------------

<p>How many yards are in 18 feet? _____ yards</p>	<p>Circle the digit in the tenths place. 7,259.6856</p>
-------------------------------------------------------	-------------------------------------------------------------

<p>Justin took three numbers greater than 1 and multiplied them. One number was four and the other number was eleven. Of course, he forgot the last number, but he remembered the product was 109. Is this possible?</p>	<p>60 ÷ 5 = _____</p>	<p>6 ÷ 3 = _____</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------	----------------------

<p>4 x 10 = _____</p>	<p>Circle the smallest number: 873,644,801,635 6,487,925 31,020,519 97,250,831,472</p>	<p>14 ÷ 7 = _____</p>
-----------------------	----------------------------------------------------------------------------------------------------------	-----------------------



Name: _____

1 • 2 • x • 4 • 9 • 6 • x • 8 • = • 4 • 8 • 5 • 9 • 3 • ÷ • 1
9 • ÷ • 3 • 0

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

Write 1,139,761 in words.

$6 \div 2 = \underline{\quad}$

$8 \times 12 = \underline{\quad}$



Name: _____

Matthew, John, and Noah each ate something different for breakfast (donuts, a melon, or muffins). They also each had something different to drink (orange juice, apple juice, or tea).

Figure out what each person had for breakfast.

1. Matthew did not have donuts or apple juice.
2. John likes to drink either orange juice or tea for breakfast.
3. The person who had a melon also had apple juice.
4. John did not have tea.
5. John did not have a melon.
6. The person who had muffins did not have orange juice.

Matthew had _____ for breakfast and drank _____.

John had _____ for breakfast and drank _____.

Noah had _____ for breakfast and drank _____.

$$6,315 + 3,454 = \underline{\hspace{2cm}}$$

What number is halfway
between 23 and 38?

Megan is a family friend. She will be picking you up from school and driving you to a bank. Where should she go? Write instructions to explain how she could get there and where you will be going.

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



Name: _____

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

90% of 180 ●

● 61% of 200

22% of 50 ●

● 92% of 25

65% of 100 ●

● 81% of 200

55% of 20 ●

● 14% of 150

75% of 124 ●

● 52% of 125

50% of 142 ●

● 71% of 100

100% of 122 ●

● 93% of 100

46% of 50 ●

● 21% of 100

$$3 \overline{) 0.9}$$

$$\begin{array}{r} 7.3 \\ \times 2 \\ \hline \end{array}$$

Change $\frac{4}{5}$ to a decimal.

Simplify.

$$\frac{8,000}{14,000} =$$

If $a = -4$ and $b = 26$ then what is $11a + 15b + 2b = ?$

$$y = x + 12$$

$$y = 17$$

What is the value of x ?

Rewrite as an algebraic expression or equation.

Five thousand, four hundred thirty minus the product of m and 22.2.

A circle graph has five sections. Only four sections are labeled. The labels are 28%, 7%, 3%, and 4%. What should the missing section be?

10, 12, 14, 16, _____, 20, 22, 24, 26

Name: _____

Fill in the blanks with $>$, $=$, or the $<$ sign.

$$350 \text{ ______ } -64,000$$

$$-580 \text{ ______ } -3,600,000$$

$$-69,000 \text{ ______ } 31,000$$

$$-15 \text{ ______ } -23$$

Rewrite this mixed number as an improper fraction.

$$5 \frac{7}{11}$$

Name: _____

What number multiplied by 10 has a product of -150?

In art class the teacher asked the class to make a rectangle.

"How big?" asked Maria.

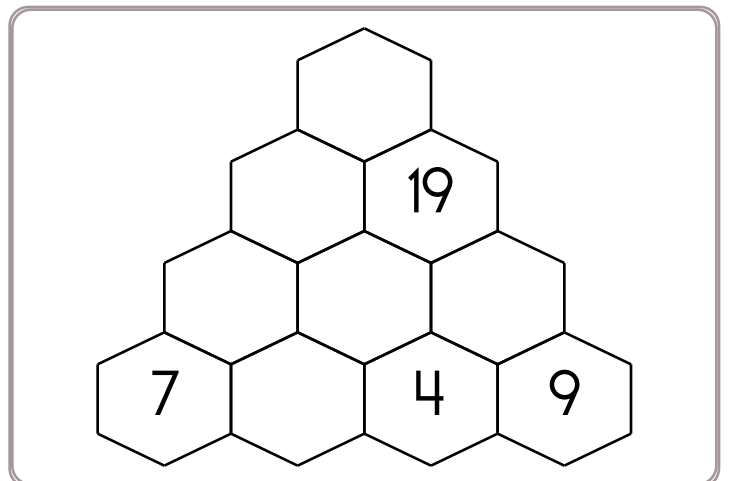
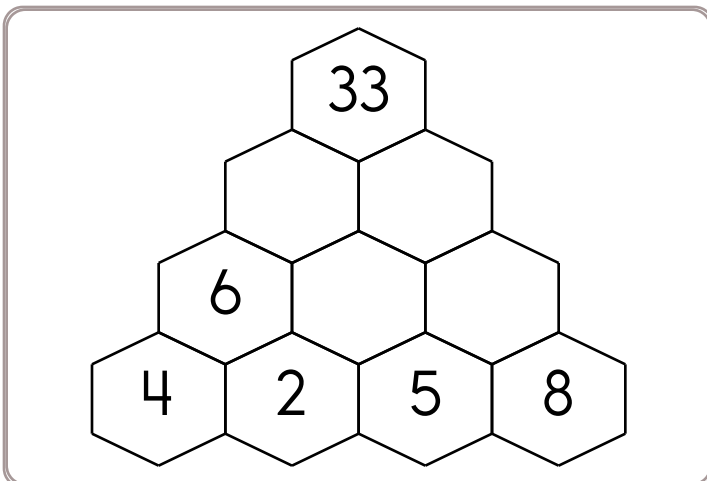
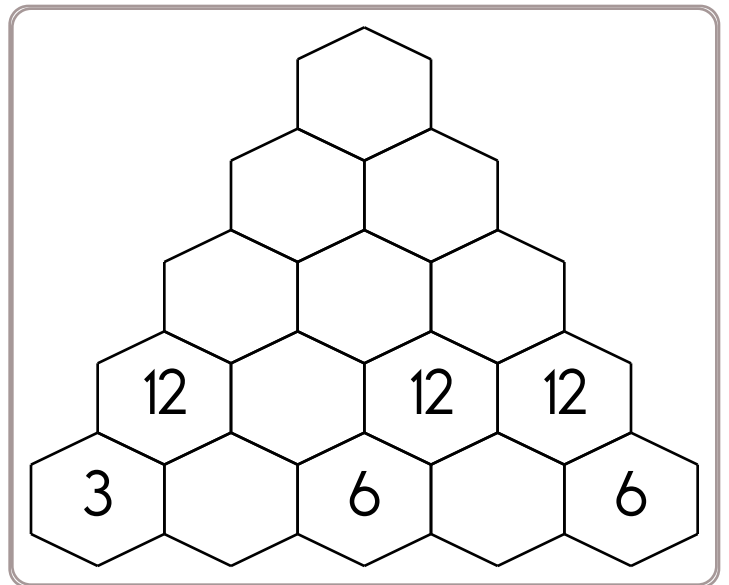
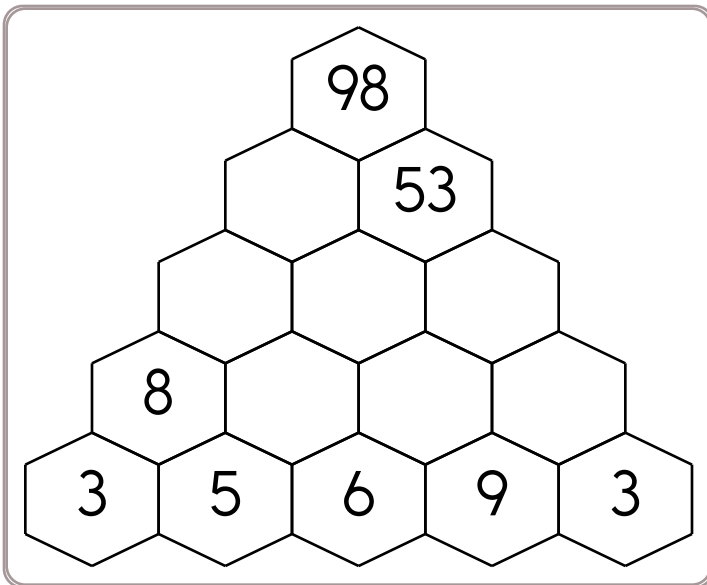
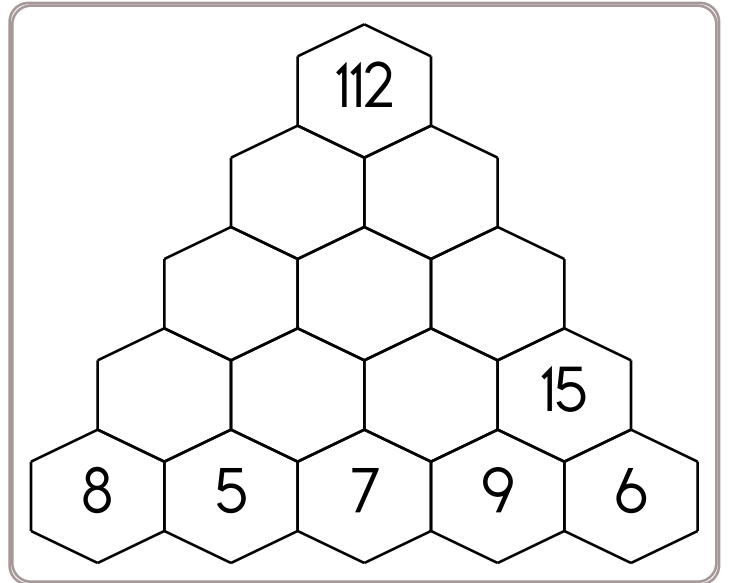
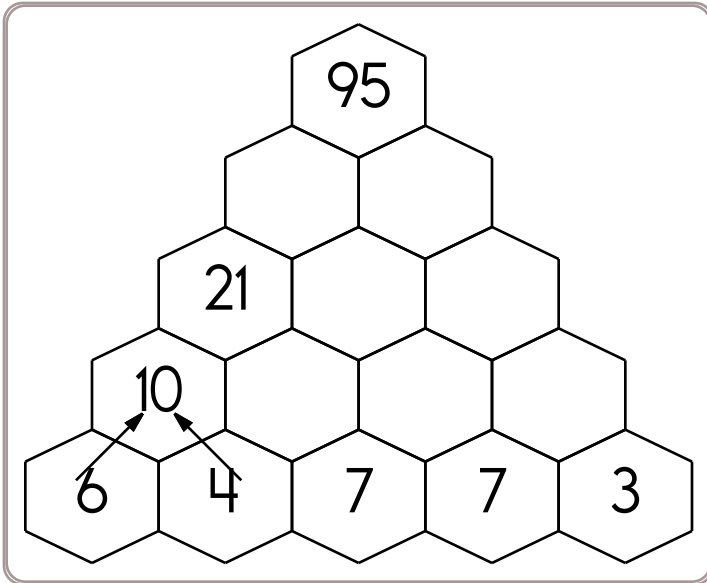
Mrs. Anderson is not just the art teacher, but she is also the math teacher. She loves to talk numbers! "Well," she started. "I don't want to give you the exact size, but the ratio of the height to width of your drawing should be 4 to 3. And please don't do 4 inches to 3 inches.

I've already done that!"

Maria wants to draw the rectangle. She wants to use as much of her $19\frac{1}{2}$ by 5 paper as possible. What size should she draw the rectangle?

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



Name: _____

Find the way from START to END by passing only through numbers that are multiples of eight.

You can go up, down, left, right, AND diagonally!

START	784	192	248	203	193	798	528	24	298
216	232	392	584	240	88	683	104	536	937
120	723	952	768	657	96	272	928	400	560
688	832	990	552	467	320	64	648	864	952
48	928	800	544	934	487	856	56	800	384
520	80	848	850	564	299	376	976	424	911
323	116	493	406	779	565	490	334	744	55
641	203	65	842	898	106	955	786	96	656
421	703	147	291	451	987	933	204	549	224
215	309	631	748	607	261	259	829	505	END

Name: _____

Show the steps to solve $3(37 + 9 - 17) + 627 - 98 \times 13 \div 2$

Parentheses

Exponents

Multiplication & Division (or Division & Multiplication!)

Addition & Subtraction (or Subtraction & Division!)

$66 \div 11 - 5$

5, 10, 15, 20, 25, 30,
35, _____, 45, 50

36, _____, 44, 48, 52,
56, 60

33, 8, 44, 10, 55,
_____, 66, 14, 77, 16,
88, 18, 99, 20

What 3 coins add up to 55 cents?

E, J, O, _____, Y

Name: _____

Express $\frac{4}{14}$ as a repeating decimal.

What is the greatest common factor of 20 and 16?

What is the least common multiple of 14 and 10?

What is the least common multiple of 2, 18, and 37?

A toy car can go 4 mph. How long would it take to go 14 miles?

$$8 \div \frac{1}{2}$$

35 divided by 5 equals

$$4,642 - 2,484 = \underline{\hspace{2cm}}$$

$$4 \div 2 = \underline{\hspace{2cm}}$$



Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



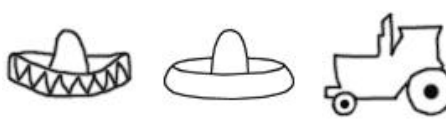
! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.

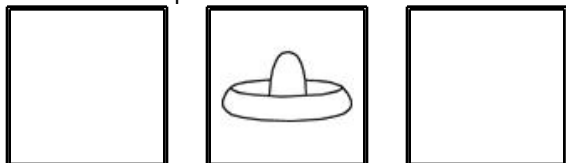


! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.

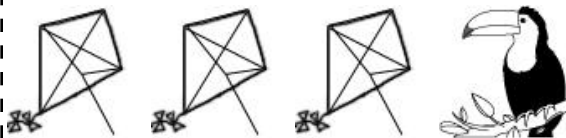
Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



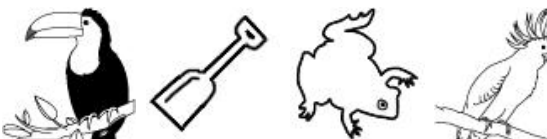
! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.

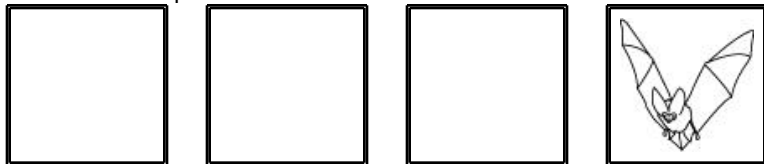


! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.



! Draw 2 of these 4 pictures.
! None of those pictures are in the correct spot.

Draw the 4 pictures in the correct order:



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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

2 3 1 4

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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 3 2 1

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

Hint - These numbers are missing:

3 2 4 1 1 2 3 2

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

Hint - These numbers are missing:

1 4 4 1 3 1 2 1

Write as a decimal.
Three and thirteen hundredths

Write as a decimal.
Fourteen and six hundredths

Write as a decimal.
Five thousandths

Name: _____

Fill in the missing numbers.

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

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

Hint - These numbers are missing:

3 4 1 4

2 2 4 3

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

Hint - These numbers are missing:

3 3 1 2 4

3 4 4 4 3

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

Hint - These numbers are missing:

2 4 4 1 2

3 3 1 2 2

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

Hint - These numbers are missing:

3 3 3 1 1

4 1 1 1 2

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



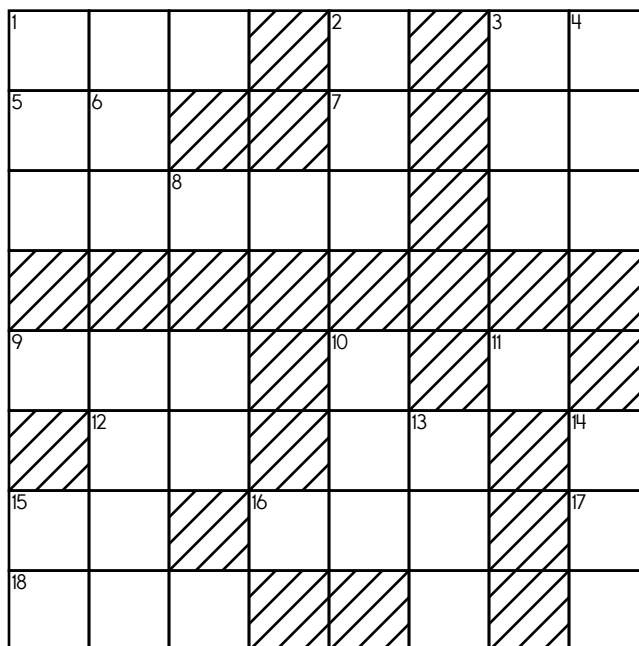
Name: _____

ACROSS

DOWN

1. Five more than 9-Across
7. $6 + 6 = 2 \times \underline{\hspace{1cm}}$
8. Six less than 10-Down
9. Four times 5-Down
11. One-fifth of 17-Down
12. One-ninth of 3-Down
14. One-eighth of 5-Down
15. Three less than 6-Down
16. Six more than 13-Down
18. Three less than 13-Down

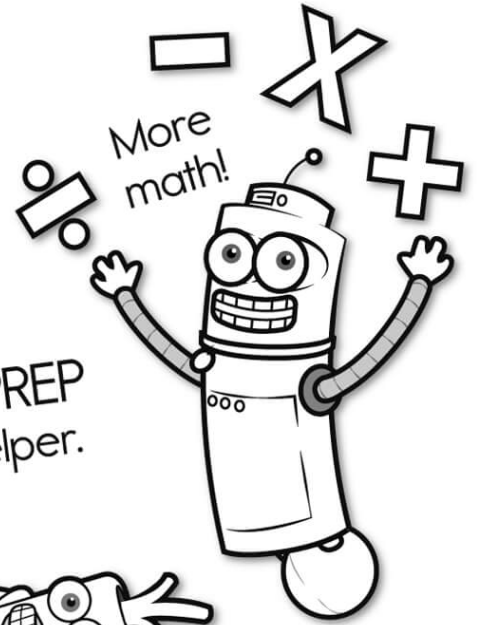
2. Five times 5-Down
3. 10-Down plus 13-Down
4. 3-Down plus 9-Across
5. One-fifth of 13-Down
6. Two times 5-Down
10. 16-Across plus 13-Down
13. Nickels in eight dollars
15. Seven more than 12-Across
17. One-eighth of 2-Down



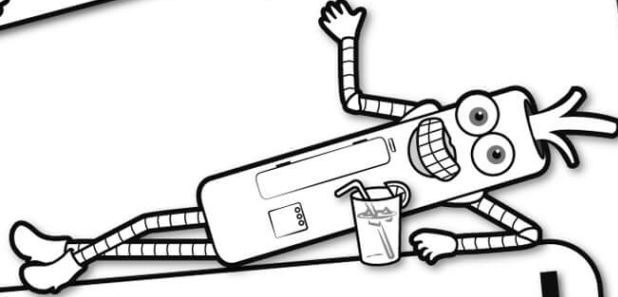
Anna and her little sister, Mary, both have birthdays on the same day. Anna is nine years old. Mary is six years old. Did you know that Anna was once double the age of Mary? How many years ago was that?

What time is 17 hours after 1:00 a.m.?



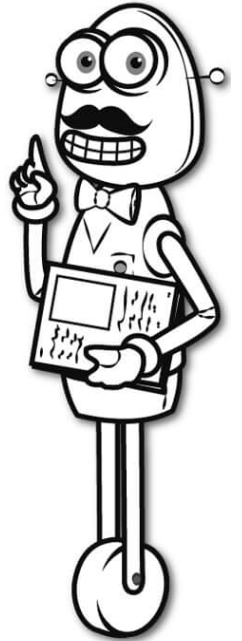


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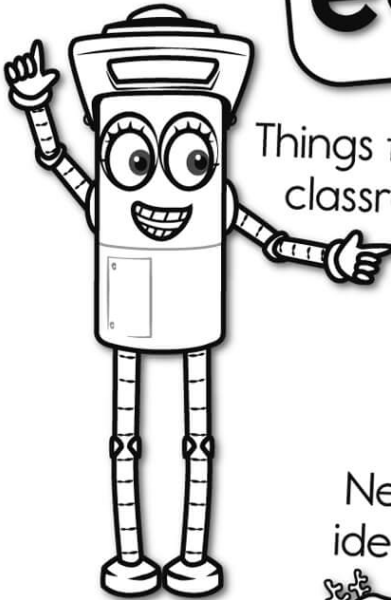
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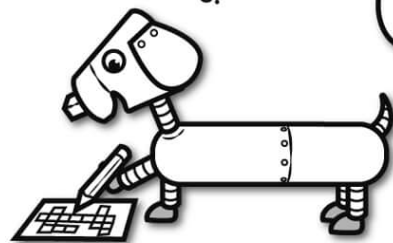
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