

Name: _____

Mental Math

— #1 —

❖ Start with the number 315.

315



❖ Add 4 tens.

2 5 9 0 3 5 5 5 3 1 (Circle your answer to double check you are correct.) _____

❖ Round that number to the nearest ten.

7 5 2 0 6 1 3 6 0 5 _____

❖ Subtract 1 hundred.

2 6 0 0 8 7 5 6 4 2 _____

❖ Add 20.

9 2 8 0 6 1 8 5 5 5 _____

❖ Divide by 10.

8 9 5 9 7 2 8 5 2 8 _____

Mental Math

— #2 —

☺ Start with the sum of 5 and 11.

5 5 1 6 4 6 6 9 2 8 (Circle your answer to double check you are correct.) _____

☺ Divide that number in half.

3 4 4 8 6 2 7 9 9 4 _____

☺ Triple that number.

2 9 7 4 9 0 8 2 4 0 _____

☺ Add 4 tens.

7 7 2 2 5 9 4 6 4 9 _____

☺ Add half of 10.

8 4 7 7 1 8 6 9 9 4 _____

☺ Round that number to the nearest ten.

5 7 7 0 1 7 0 5 8 3 _____



Name: _____

Unscramble these letters to spell a two-digit number with two different digits.

hyvn-eseiegt _____ (87)

twytrthio- _____

Sarah is buying candy mixes for goodie bags. Each fun mix packet weighs 8 ounces. She purchased 5 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Name: _____

	+	+	=	
	B	A	C	34
+	B	C	C	43
=	?	27	36	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C = 36 \quad _ + A + C = 34 \quad _ + _ = 27$$

$$_ + _ + _ = 43$$

Additional hints:

$$B < 14 \quad C = B + 11 \quad C \text{ is the largest.}$$

Show Work:

Solve:

$$? = _$$

Name: _____

Anne used masking tape to mark the edges of the game area. She used 3 rectangles to make the shape of an "H." 2 of the rectangles were 5 feet long and 2.2 feet wide. The other rectangle's area was $\frac{1}{4}$ the area of one of the larger tables. If the length of the smaller table is also 5 feet, what is its width?

Sara decided to write a report about Alexander Graham Bell for her project. She found out a lot of information about him and then she sat down to write. She started writing at 9:30 a.m. and finished her final copy at 2:01 p.m. If she wrote for all that time, except for a break of 20 minutes, how long did it take her to write the report?

Fill in the missing numbers.

$$\underline{\hspace{2cm}} \times 9 = 14 + 22$$

$$\underline{\hspace{2cm}} \times 8 = 17 + 31$$

$$\underline{\hspace{2cm}} \times 7 = 22 + 55$$

$$42 \div 6 =$$

How many tens are in the number 50?

45, 60, 75, _____, 105,
 120

Name: _____

Complete.

$$4 \text{ balloons} = 2 \text{ smiles}$$

$$12 \text{ smiles} = 3 \text{ stars}$$

$$3 \text{ stars} = \underline{\hspace{2cm}} \text{ balloons}$$

It was a sunny day in Sweet Water Village. Not a cloud was in sight. In fact, Sweet Water Village had exactly 9 hours of sun for the day.

La Mesa had sunrise at 6:25 a.m. and sunset at 7:42 p.m. and also had a completely sunny day. Amazing!

How much total sun in hours and minutes did La Mesa get?

Which city had more sun for the day?

Erin needs to buy water for the cafeteria.

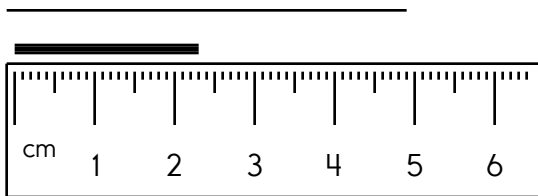
"Can you please pick up 47 quarts of water?" asked the principal.

When Erin got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Name: _____

Gavin estimated that there are about 91 leaves left on each tree in his yard. There are 8 trees in his yard. About how many leaves are left on the trees?

Write the length in centimeters.

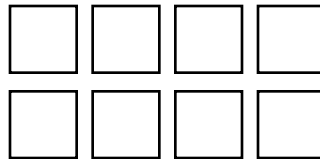


What is the ratio of boys to girls in your class?

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

Write the number for thirty thousand, four hundred fifty-eight.

Color in $\frac{1}{4}$.



Round 648,712 to the nearest thousand.

Write the fraction for 0.61 using 100 in the denominator.

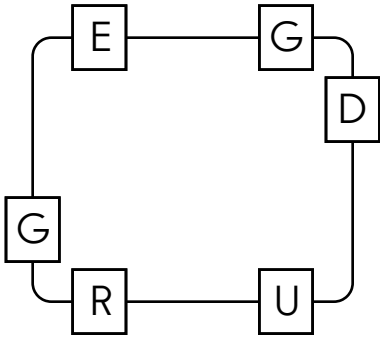
What is the value of the BIG digit?

91,041,620

$$\begin{array}{r} 82 \\ - 43 \\ \hline \end{array}$$

Name: _____

Write the hidden word. Start at one letter and then move either left or right.



Which is larger, 0.8 or 0.3?

$$\begin{array}{r} 30 \\ - 16 \\ \hline \end{array}$$

What temperature is six degrees below freezing in Fahrenheit? Hint: The freezing point in Fahrenheit is 32 degrees.

Calculate the product of 10 and 9.

$$\begin{array}{r} 12 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 73 \\ \hline \end{array}$$

Fill in the missing fractions.

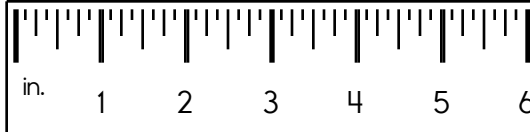
$\frac{1}{5}$, $\frac{2}{5}$, _____ , _____

If $P + P = 10$, then what does P equal?

$$\begin{array}{r} 35 \\ + 17 \\ \hline \end{array}$$

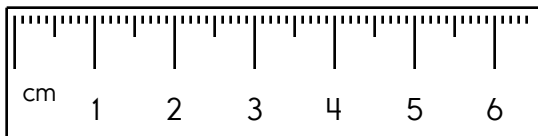
How many sevenths are in 4?

Write the length in inches.



$$\begin{array}{r} 86 \\ - 58 \\ \hline \end{array}$$

Write the length in centimeters.



Write a fraction to represent what is shaded.



Name: _____

<p>Wendy bought 2 books of poetry. The first book cost \$13.55. The other book cost \$17.14. How much more did the second book of poetry cost than the first one?</p>	<p>What is one-tenth of 40?</p> <p>_____</p>	<p><input type="radio"/> groh</p> <p><input type="radio"/> grawn</p>
	<p>Would you use a ruler or a yardstick to measure the length of your classroom?</p> <p>_____</p>	<p><input type="radio"/> grown</p> <p><input type="radio"/> groown</p>
		$\begin{array}{r} 6 \\ \times 11 \\ \hline \end{array}$

<p>Which is larger, $\frac{1}{3}$ or $\frac{1}{4}$?</p> <p>_____</p>	<table style="width: 100%; text-align: center;"> <tr> <td>$2 \overline{)18}$</td> <td>$9 \overline{)18}$</td> <td>$6 \overline{)30}$</td> </tr> <tr> <td>$8 \overline{)32}$</td> <td>$7 \overline{)63}$</td> <td>$4 \overline{)32}$</td> </tr> <tr> <td>$2 \overline{)12}$</td> <td>$5 \overline{)25}$</td> <td></td> </tr> </table>	$2 \overline{)18}$	$9 \overline{)18}$	$6 \overline{)30}$	$8 \overline{)32}$	$7 \overline{)63}$	$4 \overline{)32}$	$2 \overline{)12}$	$5 \overline{)25}$	
$2 \overline{)18}$	$9 \overline{)18}$	$6 \overline{)30}$								
$8 \overline{)32}$	$7 \overline{)63}$	$4 \overline{)32}$								
$2 \overline{)12}$	$5 \overline{)25}$									

<p>If $D = 2$, then what does $D + 7$ equal?</p> <p>_____</p>	<p>Fill in the blanks with these numbers: 2, 5, 3</p> <table style="width: 100%; text-align: center;"> <tr> <td>5</td> <td><input type="text"/></td> <td>0</td> </tr> <tr> <td>-</td> <td><input type="text"/></td> <td>2 2</td> </tr> <tr> <td colspan="3"><hr/></td> </tr> <tr> <td></td> <td><input type="text"/></td> <td>2 8</td> </tr> </table>	5	<input type="text"/>	0	-	<input type="text"/>	2 2	<hr/>				<input type="text"/>	2 8	<p>Fill in the blanks with these numbers: 2, 1, 1</p> <table style="width: 100%; text-align: center;"> <tr> <td><input type="text"/></td> <td>6</td> <td>5</td> </tr> <tr> <td>-</td> <td><input type="text"/></td> <td>5 4</td> </tr> <tr> <td colspan="3"><hr/></td> </tr> <tr> <td>1</td> <td><input type="text"/></td> <td>1</td> </tr> </table>	<input type="text"/>	6	5	-	<input type="text"/>	5 4	<hr/>			1	<input type="text"/>	1
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-	<input type="text"/>	2 2																								
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1	<input type="text"/>	1																								
<p>Which is longer: two feet or twenty-eight inches?</p> <p>_____</p>																										

Name: _____

$$\begin{array}{r} 44 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 184 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ - 88 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 99 \\ \hline \end{array}$$

$$\begin{array}{r} 117 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 184 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 80 \\ \hline \end{array}$$

$$\begin{array}{r} 117 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 97 \\ \hline \end{array}$$

$$\begin{array}{r} 154 \\ - 69 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 82 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 164 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 129 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 101 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 129 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \square \\ + 7 \\ \hline \square \\ + 7 \\ \hline \square \\ - 3 \\ \hline 22 \\ + \square \\ \hline 28 \\ + \square \\ \hline 32 \\ - \square \\ \hline 28 \\ + 6 \\ \hline \square \\ + 3 \\ \hline 37 \\ - \square \\ \hline 31 \\ - \square \\ \hline 25 \end{array}$$

Name: _____

$35 \div 7 = 5$	$45 \div 9 = 5$	$14 \div 2 = 7$	$14 \div 7 = 2$	$10 \div 2 = 5$
$35 \div 7 = \underline{\quad}$	$45 \div 9 = \underline{\quad}$	$14 \div 2 = \underline{\quad}$	$14 \div 7 = \underline{\quad}$	$10 \div 2 = \underline{\quad}$
$35 \div \underline{\quad} = \underline{\quad}$	$45 \div \underline{\quad} = \underline{\quad}$	$14 \div \underline{\quad} = \underline{\quad}$	$14 \div \underline{\quad} = \underline{\quad}$	$10 \div \underline{\quad} = \underline{\quad}$
$35 \div 7 = 5$	$45 \div 9 = 5$	$14 \div 2 = 7$	$14 \div 7 = 2$	$10 \div 2 = 5$
$14 \div 2 = \square$	$45 \div 9 = \square$	$10 \div 2 = \square$	$10 \div 2 = \square$	$14 \div 7 = \square$
$10 \div 2 = \square$	$14 \div 7 = \square$	$14 \div 7 = \square$	$35 \div 7 = \square$	$45 \div 9 = \square$
$45 \div 9 = \square$	$10 \div 2 = \square$	$45 \div 9 = \square$	$45 \div 9 = \square$	$45 \div 9 = \square$
$35 \div 7 = \square$	$14 \div 2 = \square$	$14 \div 2 = \square$	$14 \div 2 = \square$	$14 \div 2 = \square$
$4 \div 2 = 2$	$28 \div 7 = 4$	$24 \div 8 = 3$	$12 \div 2 = 6$	$12 \div 6 = 2$
$4 \div 2 = \underline{\quad}$	$28 \div 7 = \underline{\quad}$	$24 \div 8 = \underline{\quad}$	$12 \div 2 = \underline{\quad}$	$12 \div 6 = \underline{\quad}$
$4 \div \underline{\quad} = \underline{\quad}$	$28 \div \underline{\quad} = \underline{\quad}$	$24 \div \underline{\quad} = \underline{\quad}$	$12 \div \underline{\quad} = \underline{\quad}$	$12 \div \underline{\quad} = \underline{\quad}$
$4 \div 2 = 2$	$28 \div 7 = 4$	$24 \div 8 = 3$	$12 \div 2 = 6$	$12 \div 6 = 2$
$24 \div 8 = \square$	$4 \div 2 = \square$	$12 \div 2 = \square$	$24 \div 8 = \square$	$12 \div 2 = \square$
$12 \div 6 = \square$	$12 \div 6 = \square$	$24 \div 8 = \square$	$12 \div 2 = \square$	$24 \div 8 = \square$
$12 \div 6 = \square$	$28 \div 7 = \square$	$4 \div 2 = \square$	$24 \div 8 = \square$	$12 \div 6 = \square$
$4 \div 2 = \square$	$12 \div 2 = \square$	$28 \div 7 = \square$	$24 \div 8 = \square$	$12 \div 2 = \square$

$$27 \div 3 = \quad 63 \div 7 = \quad 6 \div 2 = \quad 40 \div 8 =$$

Name: _____

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

$39 + 36 + 36 =$

$51 + 69 + 45 =$

$71 + 85 + 93 =$

$27 + 18 + 24 =$

$27 + 32 + 16 =$

$36 + 38 + 37 =$

$21 + 12 + 36 =$

$72 + 93 + 84 =$

$29 + 33 + 13 =$

$67 + 43 + 55 =$

Is the least common multiple of 9 and 6 smaller, equal to, or greater than the greatest common factor of 9 and 6?

What is the least common multiple of 5 and 8?

What is the least common multiple of 4 and 8?

Anne has \$39. She wants to buy something that costs \$99. How much more does she need?

Round 526 to the nearest hundred.

Is 20 a composite or a prime number?

Amanda has 45 books. She organized them equally into 5 boxes. How many books in each box?

$7 - 7 + 10$

How many total legs are on 15 owls?

Name: _____

	5	7	5	2	2	2
X						5
<hr/>						

	9	6	3	5	9	5
X						8
<hr/>						

	7
X	6
<hr/>	

	2
X	3
<hr/>	

	4
X	5
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	8
X	9
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	8
X	7
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	9
X	6
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	3
X	2
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	2	3
X		2
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	3	6
X		8
<hr/>		

	9	3
X		5
<hr/>		

	2	2
X		6
<hr/>		

	1	8
X		5
<hr/>		

	1	1	4
X			8
<hr/>			

	6	7	6
X			2
<hr/>			

	5	2	6
X			6
<hr/>			

	6	1	1
X			3
<hr/>			

	6	4	0	6
X				4
<hr/>				

	1	7	9	6
X				9
<hr/>				

	8	8	1	6
X				7
<hr/>				

Name: _____

Last Tuesday a woman was rescued when her house was swept away by the river. She said she had been standing on her roof since 8:26 a.m. The rescuers took her off the roof at 3:40 p.m. How long had she been on the roof?

Jacob picked $\frac{4}{6}$ of a bushel of apples. He gave his aunt $\frac{1}{6}$ of a bushel. How much of the bushel of apples does he have left?

Amy drew three squares side-by-side. Each square has the same perimeter of 20 centimeters. What is the perimeter of the larger rectangle created by the three squares?

Connect coin groups to make 75 cents. How many groups can you make?

1 quarter

1 nickel

3 nickels

1 dime

1 quarter

2 dimes

30 pennies

7 nickels

1 dime

Name: _____

$$14 \overline{) 150}$$

$$18 \overline{) 986}$$

$$12 \overline{) 144}$$

$$36 \overline{) 864}$$

$$10 \overline{) 43}$$

$$18 \overline{) 185}$$

$$6 \overline{) 360}$$

$$8 \overline{) 384}$$

(32,768), (4,096),
(512), _____, (8), (1),
 $\frac{1}{8}$, $\frac{1}{64}$

How many tens are in the number 2,600?

What number is halfway between 0 and 8?

Draw a small clock that shows 10 minutes to 9:00.

$$9 \times \underline{\quad} = 108 = \underline{\quad} \times 3$$

$$6 \times \underline{\quad} = 24 = \underline{\quad} \times 3$$

$$9 \times \underline{\quad} = 99 = \underline{\quad} \times 3$$

$$10 \times \underline{\quad} = 20 = \underline{\quad} \times 4$$

$$5 \times \underline{\quad} = 40 = \underline{\quad} \times 2$$

Is 21 a composite or a prime number?

Name: _____

Can you win at bingo? Color in a circle red if it is on the bingo board. Then color in the square on the bingo board red. Cross off a circle if you do not see it on the bingo board. Keep going until you win! Win by getting three across, down, or diagonal.

32	30	20
10	63	4
18	9	24

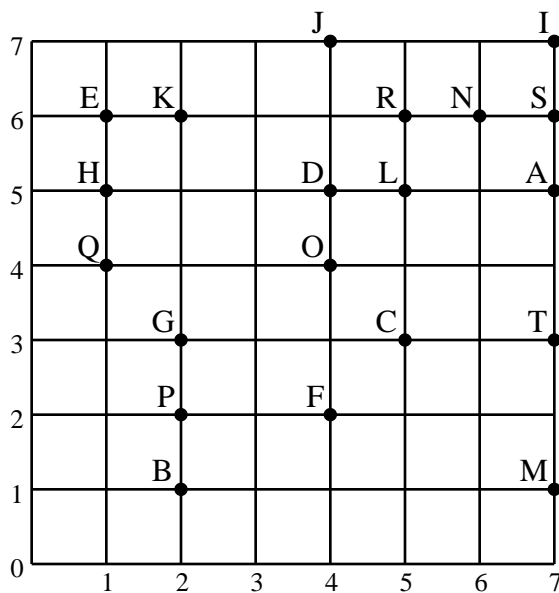
7×4 9×7 4×3
 5×9 8×9 2×3
 3×6 5×2
 6×6 **5×4** 6×5
 4×8

8 = x 8 x 2 x 8	= = 7 3 x 2 = 6	x 9 7 x x = 5 7
x 8 x x 5 8 8 x	= 3 x = 3 7 3 9	x 7 x x 7 5 x x
8 x 6 9 8 x x 8	3 5 8 7 x x x 4	4 x 7 8 x x 8 7
= 9 x = x 9 8 =	x x = x 8 8 8 x	x 7 = x 7 8 = =
6 = 9 7 9 = = 4	8 7 4 8 = = = 8	3 = 5 3 = = 4 1
4 6 = 2 = 7 4 8	= = 0 = 3 4 2 =	= 4 0 = 5 1 0 4
6 3 5 9 9 6 8 x	1 3 5 5 0 2 4 3	1 9 x 2 6 3 = 5
0 = 4 x 0 2 4 5	6 5 x 6 = = 7 2	2 x x 4 x x = =
$8 \times 9 = 72$ $8 \times 8 = 64$	$3 \times 8 = 24$ $7 \times 8 = 56$	$7 \times 7 = 49$ $5 \times 8 = 40$
$6 \times 9 = 54$	$3 \times 2 = 6$ $4 \times 8 = 32$	$8 \times 3 = 24$ $4 \times 3 = 12$
	$5 \times 7 = 35$	

$9 \times 6 =$	$5 \times 9 =$	$2 \times 8 =$	$3 \times 2 =$	$6 \times 0 =$
----------------	----------------	----------------	----------------	----------------

Name: _____

Write a line segment that has the given distance (in units). If there is more than one answer then write only one line segment.

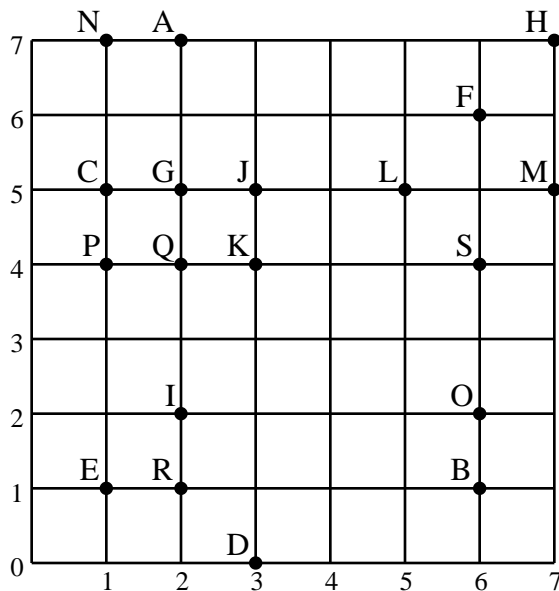


5 units \overline{BK}

3 units _____

4 units _____

1 unit _____



2 units \overline{MH}

5 units _____

1 unit _____

3 units _____

Name: _____

April made a poster for Eye Safety Day. She divided the poster into four parts. One part was blue. One part was red. One part was green. One part was yellow. She put an equal number of pictures in each part. She used 24 pictures. How many were in each part?

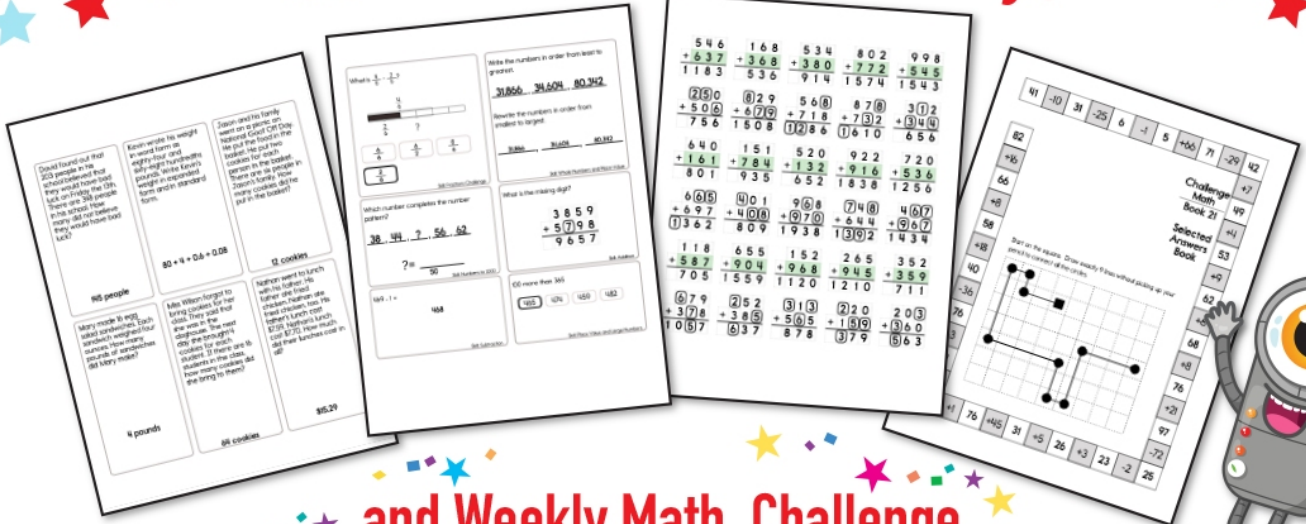
Mr. Johnson was glad it would soon be No Housework Day. He was tired of washing dishes, making beds, vacuuming, dusting, and all the things he had to do to keep the apartment clean. On No Housework Day he and his daughter were going to walk to the zoo. It was only 1.4 miles. If they walked three-tenths of a mile in six minutes, how long would it take them to get to the zoo?

There are approximately fifty-four million metric tons of apples grown each year. It has been estimated that half of all the apples grown are eaten fresh. Approximately how many metric tons of apples are eaten fresh?

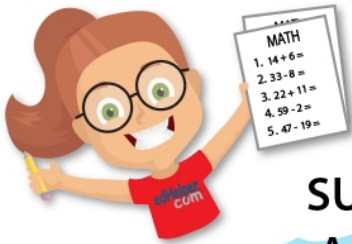
Rosa has 2 liters of milk to pour into glasses. If each glass holds 250 milliliters of milk, how many glasses can she fill?

Jacob did not do his math. He is in the doghouse now. Tonight he did 20 math problems. Ten of them were for today. Ten of them were for yesterday. He started on them at 5:35 p.m. He finished at 7:07 p.m. How long did it take Jacob to do the math?

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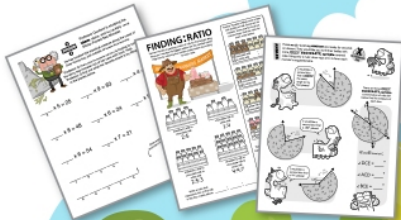


MATH
1. $14 + 6 =$
2. $33 - 8 =$
3. $22 + 11 =$
4. $59 - 2 =$
5. $47 - 19 =$

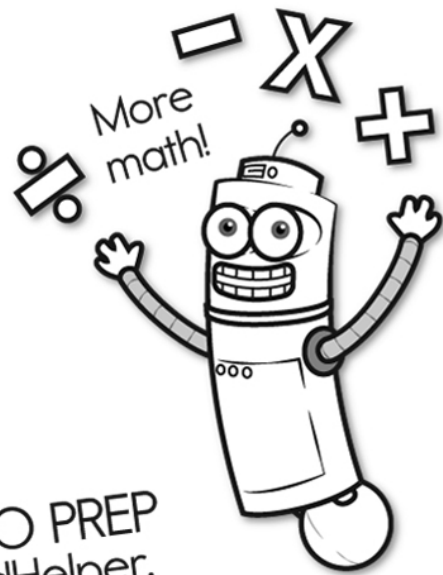
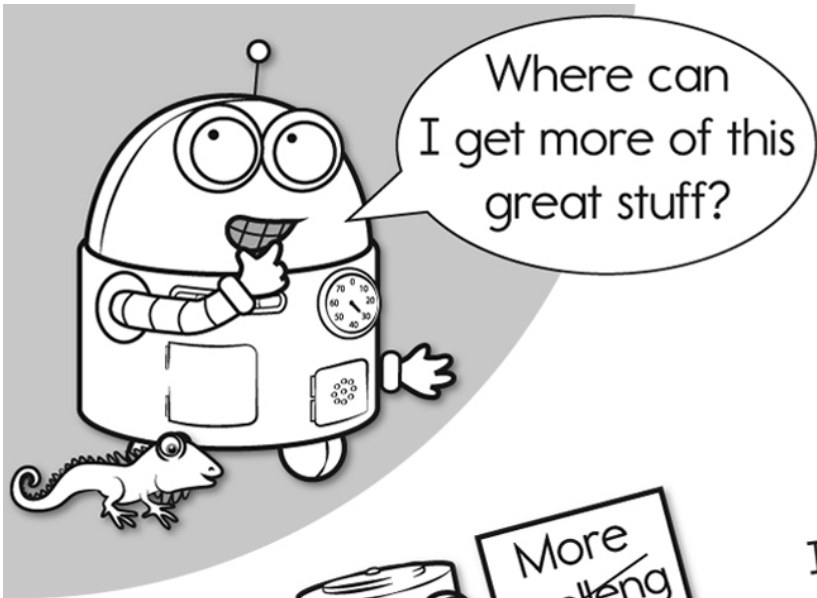


ANSWER KEY
1. $14 + 6 = 20$
2. $33 - 8 = 25$
3. $22 + 11 = 33$
4. $59 - 2 = 57$
5. $47 - 19 = 28$

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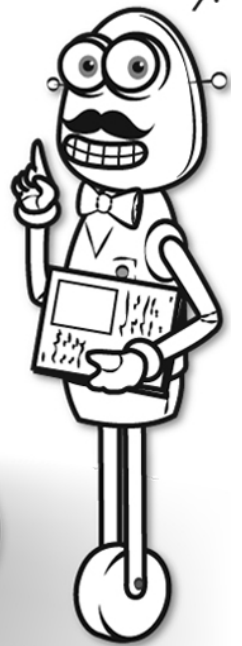
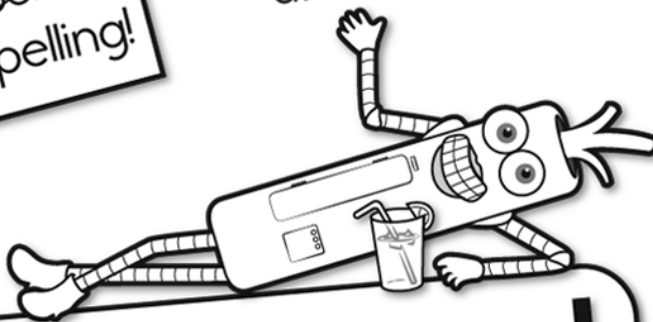


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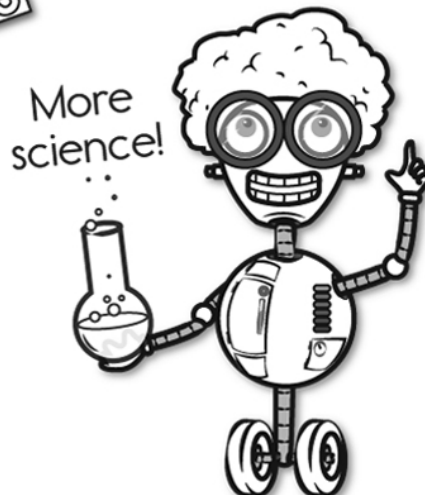
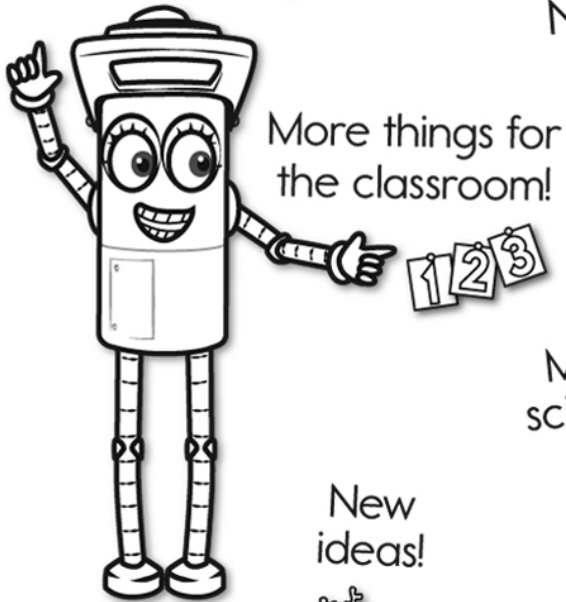


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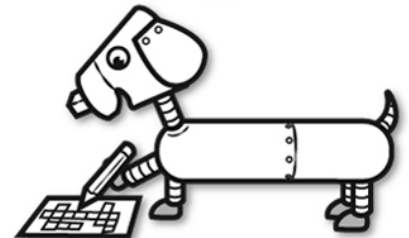
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