

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

Reduce  $\frac{39}{54}$  to its lowest terms.

$$28 - \frac{4}{5} =$$

$$3 + \frac{8}{11} + \frac{2}{5} =$$

Reduce  $\frac{5}{25}$  to its lowest terms.

Write the reciprocal.

$$\frac{13}{15}$$

$$6 - \frac{2}{3} - \frac{1}{7} =$$

Write the reciprocal.

$$\frac{6}{7}$$

$$19 + \frac{2}{11} - \frac{1}{3} =$$

$$4 - \frac{3}{4} + \frac{5}{9} =$$

$$\begin{array}{r} 4 \frac{1}{2} \\ + 6 \frac{3}{4} \\ \hline \end{array}$$

$$3 \frac{2}{5} \times 3 \frac{2}{3} =$$

$$\frac{3}{6} \times 17 =$$














Reduce  $\frac{15}{25}$  to its lowest terms.

Write the reciprocal.  
18

Reduce  $\frac{88}{120}$  to its lowest terms.

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

Draw ONE continuous line that touches every box ONCE.  
Count by 4.5s. Find the box with the number 4. Move up, down, right, or left.  
Keep counting until you reach 346. Do not move into a spot with a picture.

152.5	---	---	103						
									
			130						---
---	-170.5	---	-8.5	---	4				---
---	---	---		---	---			---	-260.5
---	---	---		---	---				
		---		---	-44.5	---	49		---
---	-197.5	---							---
									314.5
								337	346

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**

1	2	4	6	12	<b>13</b>
I	C	I	C	L	

1	2	4	6	12	
N	A				

1	2	4	6	8	14	20	
	A						

**Make a Word** **Sum**

1	2	4	8	14	
C	R				

1	2	4	8	12	18	
	I					

1	2	4	8	
T	R	E		

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

Robot AQD said, "I have YYYYYY robot cats."

Robot EFG said, "I have Y robot cats."

Robot cat said, "Each Y stands for six cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

For some reason Mrs. Miller has 3 chairs. The students in the class each have one chair.

Why else would they need more? All of the chairs have 4 legs. All of the kids and Mrs.

Miller have 2 legs. There is a total of 122 legs in the classroom (including human legs and chair legs). How many students are there?

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

How many millimeters are in 8 centimeters? _____ millimeters	What can you multiply by 11 to get 7?
1 kg = 1,000 g 26 kg = _____ g	

Circle the greatest number: 7,164,358 947,172 37,068,352 92,086,910,245	$\begin{array}{r} 456 \\ + 472 \\ \hline \end{array}$	Circle the addition property for $33 + 95 = 95 + 33$ . commutative property associative property
---	---	--

Amy is making up her own calendar. The first month of her weird calendar is called Affy. To make matters worse, she is giving Affy a total of forty-five days. What is the least number of Fridays that can occur during Affy? Show the month of Affy.	$\begin{array}{r} 86 \\ - 32 \\ \hline \end{array}$
--	---

Write this as a number in standard form. Use a comma in your number. six hundred fifty-five thousand, three hundred thirty-one _____	$42 \div 7 =$	$\begin{array}{r} 38 \\ + 30 \\ \hline \end{array}$
--	---------------	---

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

\_\_\_\_\_ is 10 more than 38

\_\_\_\_\_ is 10 more than 22

\_\_\_\_\_ is 100 more than 530

\_\_\_\_\_ is 100 more than 233

\_\_\_\_\_ is 100 more than 756

\_\_\_\_\_ is 100 more than 329

\_\_\_\_\_ is 1,000 more than 2,713

\_\_\_\_\_ is 1,000 more than 3,867

\_\_\_\_\_ is 10,000 more than 40,669

\_\_\_\_\_ is 10,000 more than 54,043

Can 360 be evenly divided by 10? Circle:

360 is NOT evenly divisible by 10

360 is evenly divisible by 10

Rosa wants Emily to guess a three digit number. She tells Emily that her number has three different digits. The digits are 3, 9, and 8. Emily thinks. She then guesses the number 983. What are the chances that Emily has guessed correctly?

11 cm = \_\_\_\_\_ mm

$$\begin{array}{r} 967 \\ - 298 \\ \hline \end{array}$$

Anna was given five numbers: 15, 14, 9, 7, and 12. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?

Circle the smallest number:

15,467,398,204      50,231

97,689,130      527,864

Circle the relative adverb.

That's the school where I went to kindergarten.

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

<p>In the number 6,757,493,872, the digit 6 is in what place?</p> <p>_____</p>	<p>Which is the largest?</p> <p><math>59.2 \div 7.2</math>    <math>59.2 \div 7.3</math>    <math>59.2 \div 7.4</math></p>
--	--

<p>Write 11,118 in words.</p> <p>_____</p>	<p><math>72 \div 6 =</math></p>
--	---------------------------------

<p><math>50 \div 10 =</math></p>	<p>Sarah invented a robot. The robot's name is Hunter. Hunter can go a maximum speed of 3 mph. At that rate, how long would it take Hunter to go 10 miles?</p>
----------------------------------	--

<p>Can 623 be evenly divided by 4? Circle: 623 is NOT evenly divisible by 4 623 is evenly divisible by 4</p>	<p><math>8 \times 4 =</math></p>
--	----------------------------------

<p>Circle the digit in the tenths place.</p> <p>2,827.5153</p>
--

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

0 • 8 • 0 • 4 • 2 • + • 9 • 0 • x • 4 • 6 • 5 • = • 1 • 5 • =  
4 • 1 • 1 • 1

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

The puzzle grid contains the following numbers and symbols in their respective cells:

- Row 1: 5
- Row 2: 7 + 2 = 9 +
- Row 3: 3
- Row 4: 0 + 8 =
- Row 5: 4 x 3 = 1 +
- Row 6: 8 + 4
- Row 7: = 3
- Row 8: 0 = 0 0 = 1 +
- Row 9: 1 - 6 5 + 4 =
- Row 10: 2 ÷ 6 = 2
- Row 11: 2
- Column 1: 4
- Column 2: 8
- Column 3: 3
- Column 4: 9
- Column 5: 0
- Column 6: 6
- Column 7: 2
- Column 8: 3
- Column 9: 9
- Column 10: 1
- Column 11: 8
- Column 12: 2

9 x 11 =

Write a letter that has a line of symmetry.  
\_\_\_\_\_

What time is 16 hours after 2:00 p.m.  
\_\_\_\_\_

What is the prefix of the word disorderly?  
\_\_\_\_\_

12 x 7 =

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

Mental Math

— #1 —

 Start with the product of 6 and 3.

18

 Add the number of inches in 3 feet.

5 4 1 3 4 4 8 6 3 7 (Circle your answer to double check you are correct.)

 Divide that number in half.

7 7 8 2 7 6 4 9 1 0

 Subtract 12.

5 7 3 3 1 5 1 0 2 8

 Add the number of cups in 3 quarts.

9 4 8 8 1 6 2 7 5 0

 Multiply by 10.

4 2 7 0 5 4 1 7 3 5



Mental Math

— #2 —

Start with the number 199.

4 3 6 9 5 1 9 9 2 0 (Circle your answer to double check you are correct.)

Add the number of dimes in a dollar.

1 9 2 0 9 3 6 8 2 7

Add 11.

6 2 2 0 8 0 3 3 9 3

Divide by 10.

2 2 3 7 5 9 6 3 1 8

Divide that number in half.

2 9 8 0 1 1 1 1 3 4

Multiply by 4.

6 7 8 3 3 7 4 4 9 6





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

Use mental math to quickly solve.

$$65.73 \div 10 = \underline{\hspace{2cm}}$$

$$0.72 \div 10 = \underline{\hspace{2cm}}$$

$$0.123 \div 10 = \underline{\hspace{2cm}}$$

$$84.19 \div 10 = \underline{\hspace{2cm}}$$

$$375.8 \div 100 = \underline{\hspace{2cm}}$$

$$650.5 \div 100 = \underline{\hspace{2cm}}$$

$$2,206.7 \div 100 = \underline{\hspace{2cm}}$$

$$0.268 \div 10 = \underline{\hspace{2cm}}$$

$$34.88 \div \underline{\hspace{2cm}} = 3.488$$

$$29.6 \div \underline{\hspace{2cm}} = 0.296$$

$$6,148.7 \div 100 = \underline{\hspace{2cm}}$$

$$94.6 \div \underline{\hspace{2cm}} = 0.946$$

$$\underline{\hspace{2cm}} \div 10 = 2.322$$

$$0.22 \div \underline{\hspace{2cm}} = 0.022$$

$$4 \overline{) 2.8}$$

$$3 \overline{) 7.2}$$

$$2 \overline{) 2.2}$$

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

$27\frac{1}{2}$	$+\frac{8}{12}$		$-25$		$+5$		$+48$		$-\frac{9}{12}$
				$-8\frac{1}{2}$	$-34$				$-9\frac{1}{2}$
$-\frac{1}{2}$		$+19$							
					$+49$	$-16$		$+\frac{1}{2}$	
$+3$					$9\frac{5}{12}$				
	$+\frac{3}{12}$		$-7\frac{6}{12}$		$+\frac{1}{2}$	$-4$	$47\frac{2}{3}$		

$71$	$+\frac{2}{4}$		$-29$		$73\frac{1}{3}$	$-2\frac{1}{12}$		$+\frac{8}{12}$	
				$+53$					
	$+4$		$-\frac{1}{4}$		$72\frac{5}{6}$				$+\frac{5}{12}$
$-1\frac{11}{12}$					$+\frac{6}{12}$	$-3\frac{1}{4}$			
	$+14$	$111\frac{1}{3}$	$-44$		$+5$	$72\frac{1}{3}$	$69\frac{1}{12}$		

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

A printer can print 24 pages in 4 minutes.  
How many pages can the printer print in  
one minute?

How many pages can the printer print in  
one hour?

A book scanner can scan 52 words in 4  
minutes. How many words does the book  
scanner scan per minute?

Hannah babysat Anna and was paid \$70  
for 5 hours of work. How much was she  
paid per hour?

She plans to babysit Anna next week and  
will be paid at the same rate. If she works 9  
hours next week, how much will she be paid?

It takes Holly 26 seconds to fill a water  
bottle. How long would it take her to fill 4  
water bottles?

Rosa decided to help Holly fill 4 water bottles.  
How long do you think it will take for them  
to work together to fill 4 bottles?

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

Erin wants to make carrot cake. Her recipe calls for  $\frac{3}{4}$  cup of grated carrots. She has grated  $\frac{1}{3}$  cup. How much more carrot does she have to grate?

April's mother is a police detective. She investigates crimes involving counterfeiting. She makes \$32,510 per year. How much does she make each month?

Mr. Smith is a long-distance truck driver. He has to make a trip to Rapid City and back. If he drives 445 miles per day, it will take him 10 days to drive to make the round trip. How far away is Rapid City?

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

	+	+	=	
	A	C	C	14
+	?	A	B	39
-	A	A	A	36
=				
	12	1	4	

**Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

$$A + A + A = 36 \quad A + \_ + C = 14 \quad \_ + \_ - \_ = 4$$

$$\_ + \_ - \_ = 1$$

Additional hints:

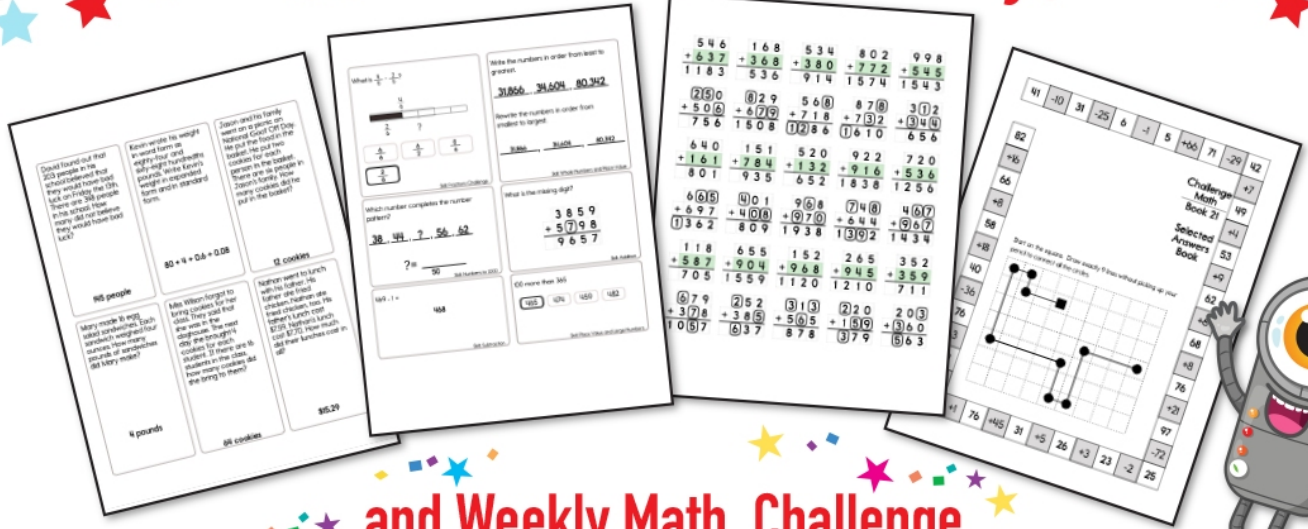
$$C < 9 \quad B = C + 14$$

**Show Work:**

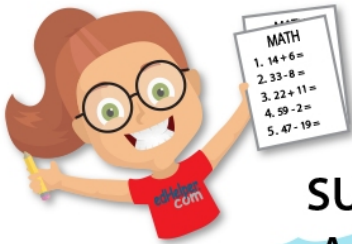
**Solve:**

$$? = \_$$

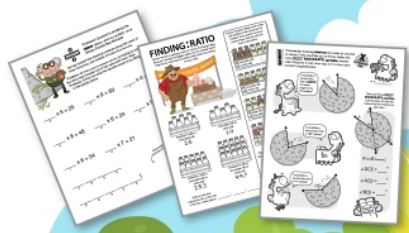
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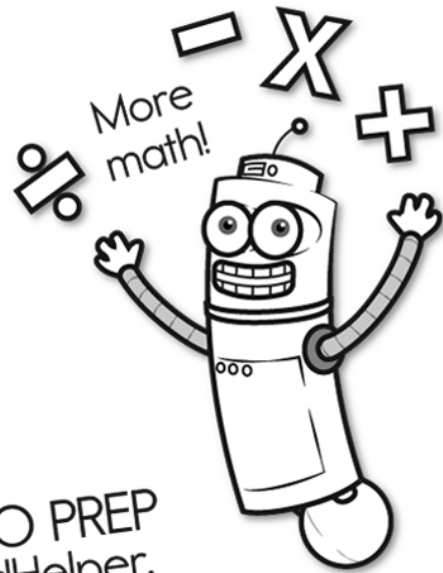
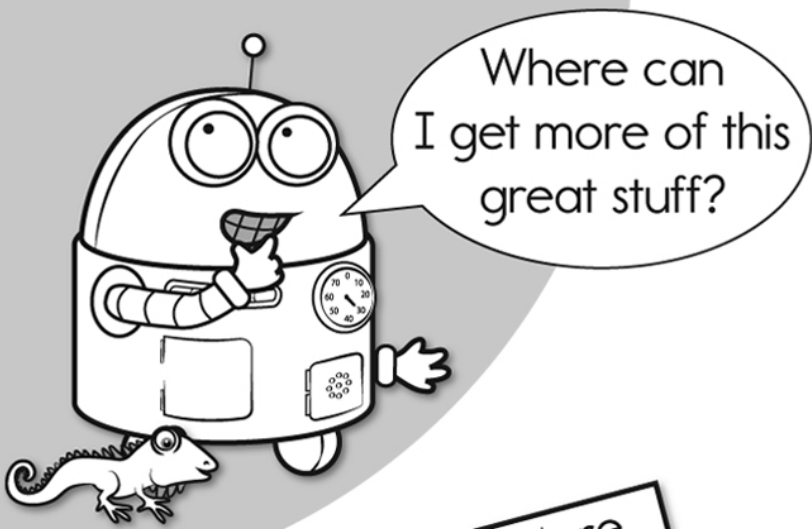
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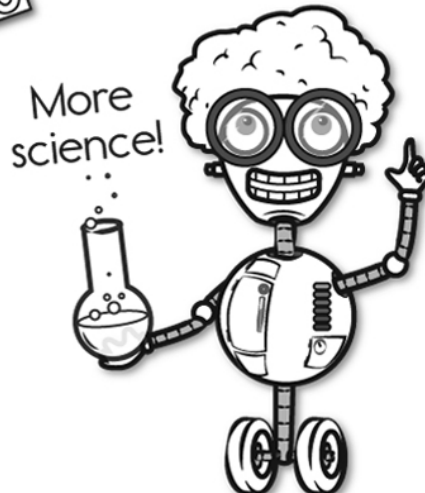
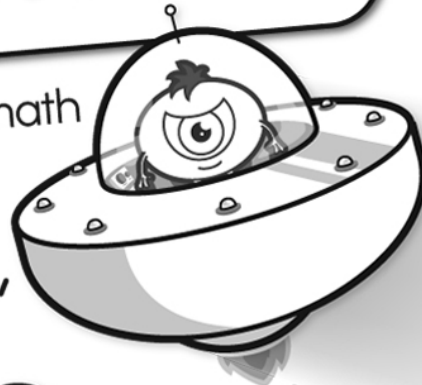
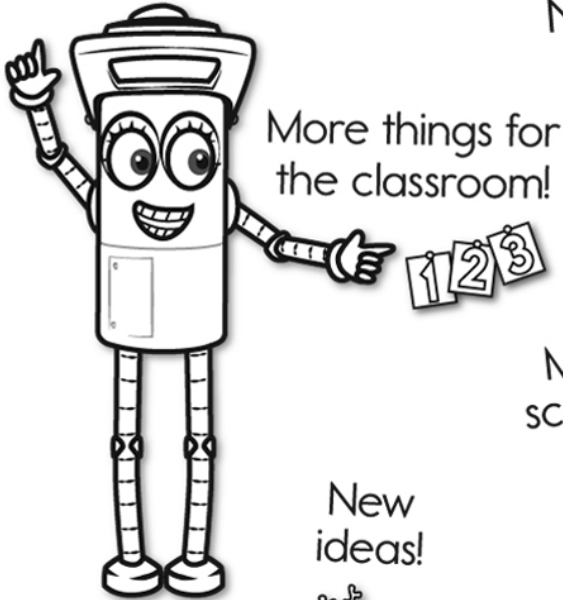
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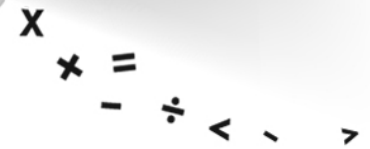


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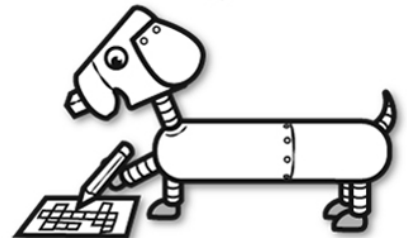
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