

Name: _____

13 meters =

- A) 0.13 kilometers
- B) 13000 centimeters
- C) 1.3 kilometers
- D) 13000 millimeters

$8.1 - 1.4 =$

- A) 6.2
- B) 6.1
- C) 6.7
- D) None of the above

Bill started working on homework at 3:30 and finished the assignment at 4:00. How long did Bill work on homework?

- A) 15 minutes
- B) 30 minutes
- C) 52 minutes

$4 - (-9) =$

- A) 4
- B) None of the above

$9.6 + 6.33 =$

- A) 15.93
- B) 15.13
- C) 16.192
- D) 15.91

Paul's 2:46 flight from New York to San Francisco takes 4 hours and 40 minutes. San Francisco time is 3 hours earlier than New York's. What time will Paul arrive in San Francisco?

- A) 7:26
- B) 10:49
- C) 4:26
- D) None of the above

Name: _____



$328 \div \underline{\quad} = 4$

$\underline{\quad} \div 69 = 5$

$270 \div \underline{\quad} = 54$

$\underline{\quad} \div 50 = 9$

$378 \div \underline{\quad} = 6$

$\underline{\quad} \div 2 = 75$

$\underline{\quad} \div 90 = 7$

$256 \div \underline{\quad} = 4$

$74 \overline{) 370}$

$9 \overline{) 414}$

$12 \overline{) 60}$

$42 \overline{) 84}$

$36 \overline{) 108}$

$3 \overline{) 240}$

$89 \overline{) 267}$

$2 \overline{) 88}$



$58 - 4 =$

$40 - 8 =$

$66 - 5 =$

$78 - 4 =$

$66 - 6 =$

$57 - 4 =$

$26 - 8 =$

$15 - 3 =$

$46 - 9 =$

$87 - 2 =$

$44 - 7 =$

$81 - 5 =$

$$\begin{array}{r} 14 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 5 \\ \hline \end{array}$$

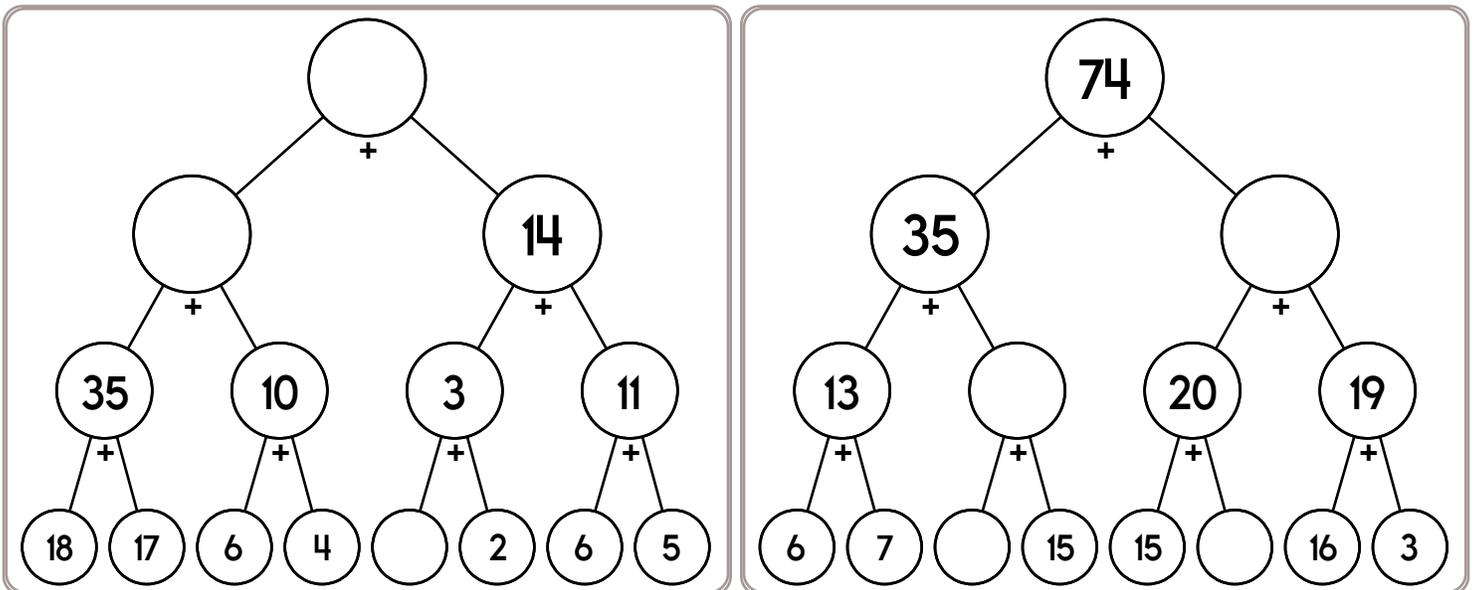
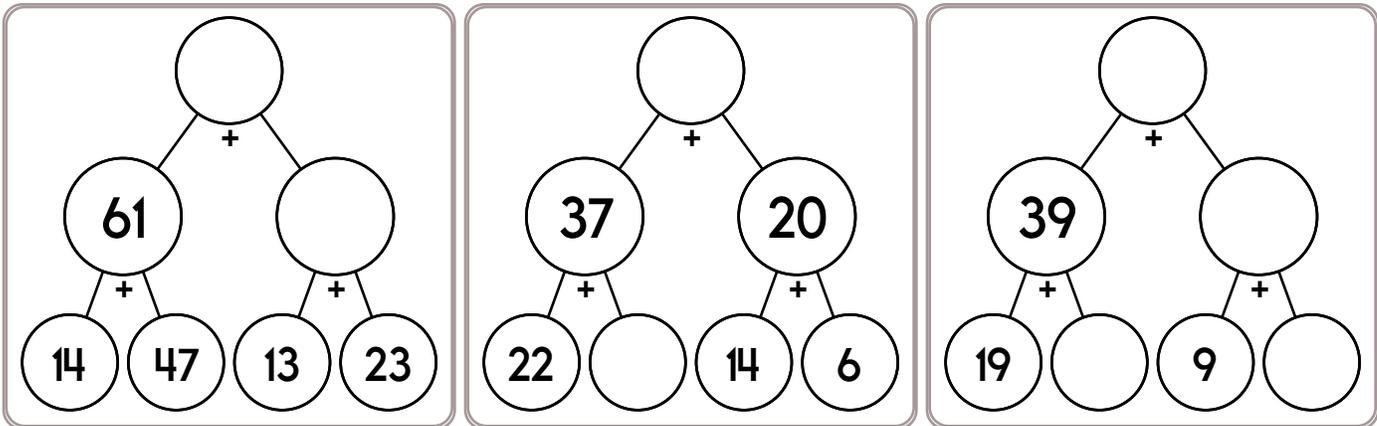
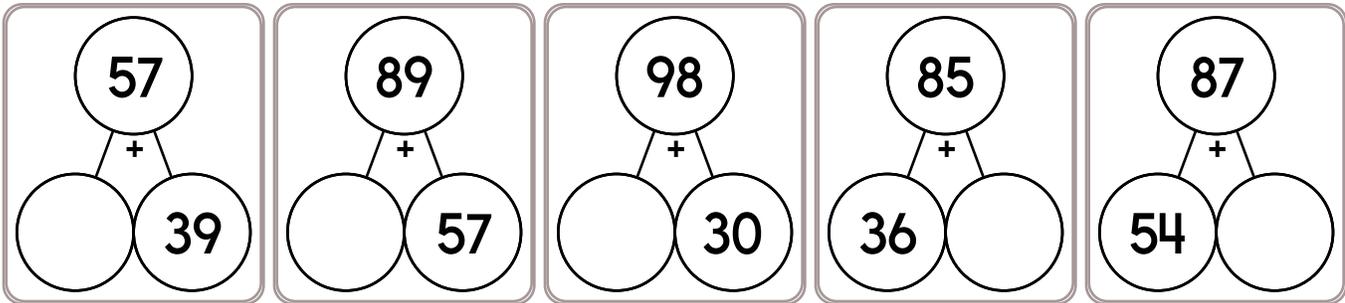
$$\begin{array}{r} 74 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 8 \\ \hline \end{array}$$

Name: _____



What is the least common multiple of 2 and 8?

What is the greatest common factor of 4 and 12?

What is the greatest common factor of 12 and 24?

Name: _____

$$7 \overline{) 35}$$

$$5 \overline{) 30}$$

$$6 \overline{) 66}$$

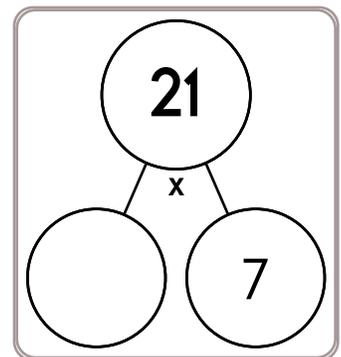
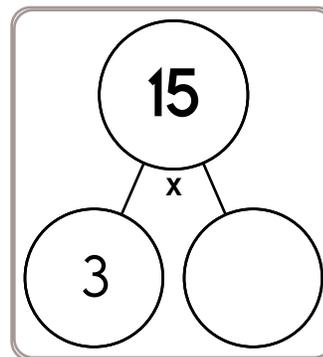
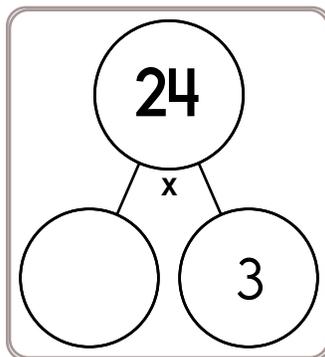
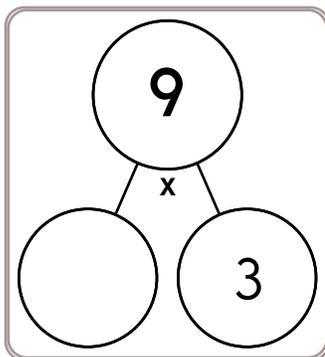
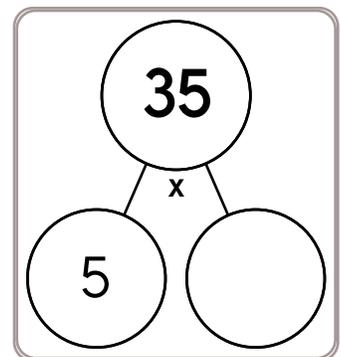
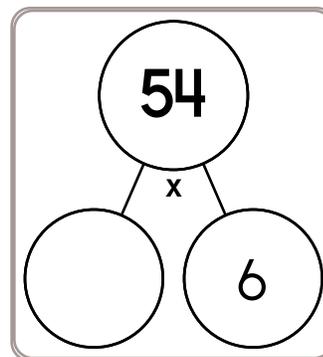
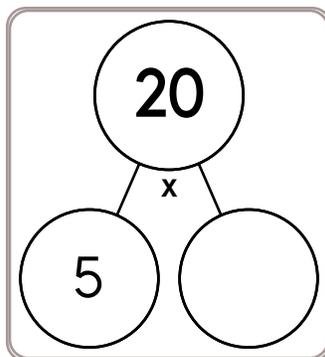
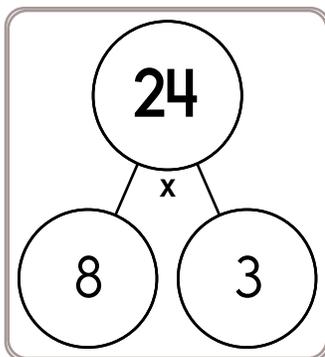
$$11 \overline{) 121}$$

$$6 \overline{) 18}$$

$$5 \overline{) 60}$$

$$6 \overline{) 30}$$

$$12 \overline{) 132}$$



$$72 \div 8 =$$

$$84 \div 7 =$$

$$60 \div 10 =$$

$$25 \div 5 =$$

$$24 \div 2 =$$

$$36 \div 12 =$$

$$36 \div 9 =$$

$$45 \div 5 =$$

$$33 \div 11 =$$

$$42 \div 7 =$$

$$12 \div 2 =$$

$$70 \div 10 =$$

Name: _____

The initial population of protists in a culture is 4,658. The final population after one week was 9,087. The population increased by what percent over the week? Round your answer to the nearest hundredth of a percent.

Alex is putting marbles in bags. The bags of marbles are prizes for the weird contests that will be held today. He has 1,236 marbles. If he puts more than five marbles in each bag, what is the smallest number of marbles he can put in each bag and have no marbles left over?

Put one line under the smallest number. Put two lines under the next smallest, and so on. The largest number should have 4 lines under it.

5.1

-11.8

5.9

-11.3

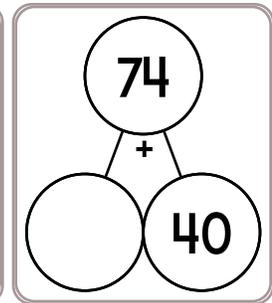
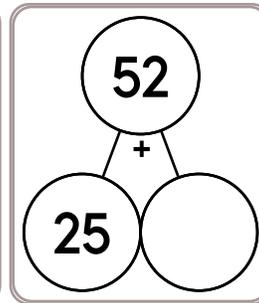
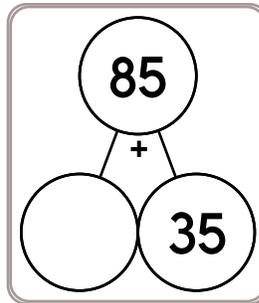
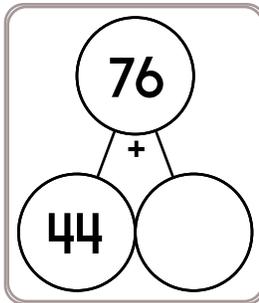
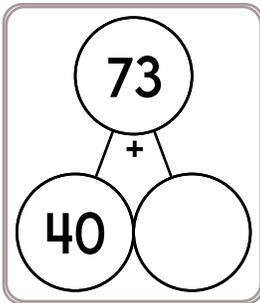
Write as a fraction in simplest form.

$$\frac{1}{2} + \frac{2}{3} + \frac{2}{15} = \underline{\hspace{2cm}}$$

$$\frac{2}{5} + \frac{1}{3} + \frac{1}{10} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{1}{4} + \frac{1}{12} = \underline{\hspace{2cm}}$$

Name: _____



$$-6 + -10 =$$

$$4 - 9 - 2 =$$

$$-80 \div 10 =$$

Rewrite $\frac{7}{25}$ as a decimal.

Simplify.
 $\frac{8}{20} =$

$$18m - 15.5 = 78.1$$

$m =$

Rewrite in scientific notation.
610,600,000,000

What is the remainder of 18 divided by 5?

$$0.7 (0.6 (0.7 \times 8)) =$$

What is the prime factorization of 15?

The letter p is used to represent power points in a game. The points must be greater than 236 but less than 521. Express this as an inequality.

Convert $58\frac{6}{7}$ to an improper fraction.

Name: _____

<p>Mary rolls two dice. What is the chance of her rolling a 6 on one die and a 5 on the other die?</p> <p>_____</p>	<p>$60 \div 12 = \underline{\hspace{2cm}}$</p>	$\begin{array}{r} 339 \\ - 116 \\ \hline \end{array}$	$\begin{array}{r} 268 \\ + 273 \\ \hline \end{array}$
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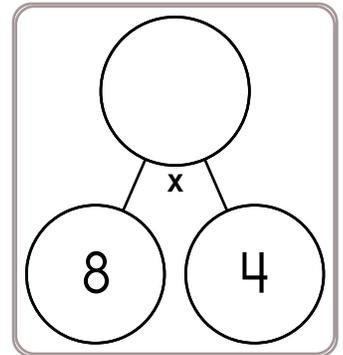
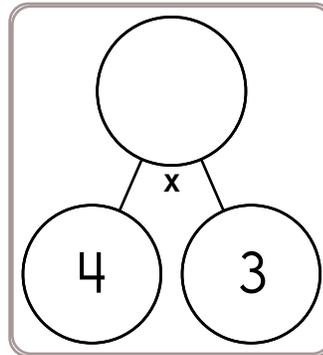
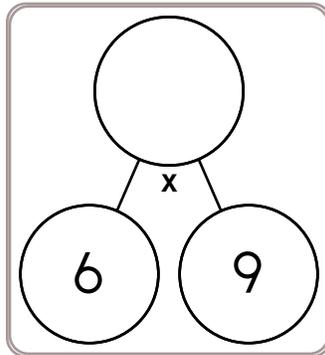
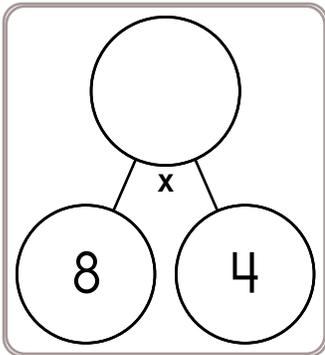
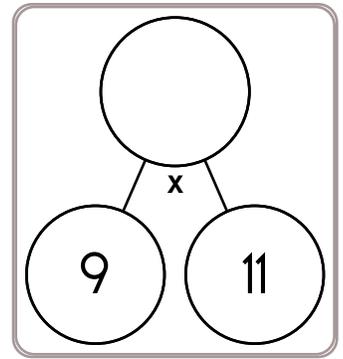
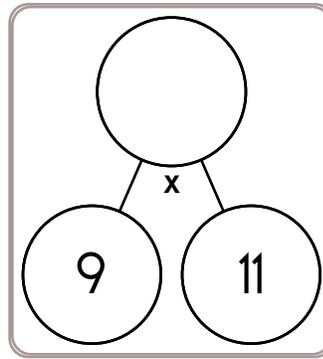
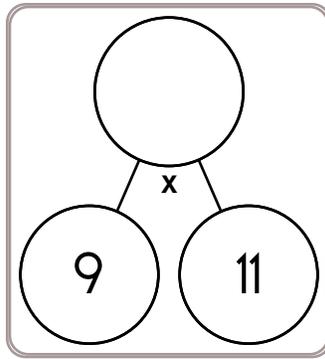
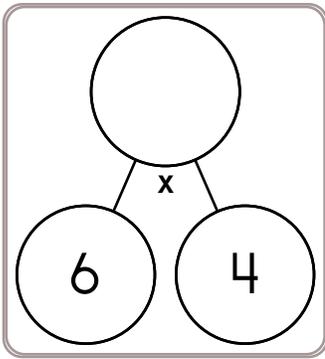
<p>$678 + 415 = \underline{\hspace{2cm}}$</p>	<p>For 75,104,650,538,718, write the digit that is in the ten thousands place.</p> <p>_____</p>	$\begin{array}{r} 48 \\ + 33 \\ \hline \end{array}$
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<p>Sarah is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The units digit is 4 more than the tens digit. The three digits add up to twenty-one. One digit in her number is nine. The hundreds digit is 1 more than the units digit.</p> <p>Are you going to get candy?</p>	<p>Emily rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being two?</p>
	<p>$18 \div 6 = \underline{\hspace{2cm}}$</p>

<p>$4 \times 3 =$</p>	<p>$12 \times 3 = \underline{\hspace{2cm}}$</p>	<p>$70 \div 7 =$</p>	<p>1 lb = 16 oz</p> <p>22 lb = _____ oz</p>
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<p>Amy rolls a die. What is the chance of her rolling a 3?</p> <p>_____</p>	<p>Rewrite these in increasing order of length: 171 dm, 637 m, 549 mm</p>
<p>26 kg = _____ g</p>	

Name: _____



$5 \times 5 =$

$3 \times 2 =$

$2 \times 2 =$

$8 \times 2 =$

$2 \times 6 =$

$9 \times 10 =$

$12 \times 4 =$

$4 \times 6 =$

$10 \times 4 =$

$12 \times 12 =$

$4 \times 11 =$

$6 \times 3 =$



$__ \times 2 = 10$

$__ \times 5 = 15$

$3 \times __ = 21$

$9 \times __ = 72$

$5 \times __ = 20$

$__ \times 3 = 12$

$__ \times 9 = 18$

$8 \times __ = 72$

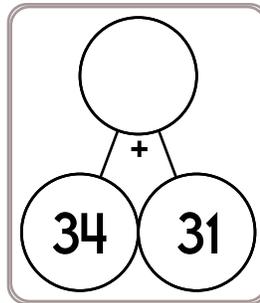
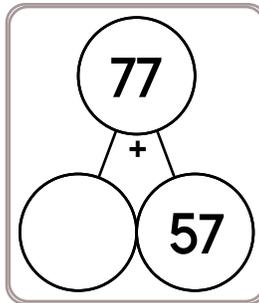
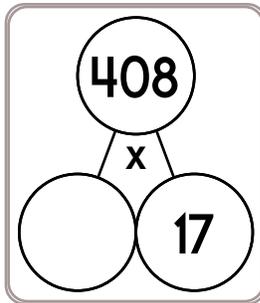
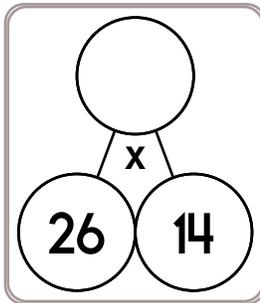
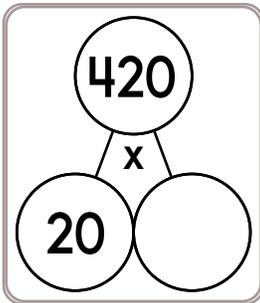
$3 \times __ = 24$

$__ \times 5 = 10$

$__ \times 3 = 15$

$4 \times __ = 20$

Name: _____



$$4 + (8 \times 11) - 1 \times 11$$

$$\frac{5}{6} \div \frac{21}{24} =$$

$$19m - 12.7 = 120.3$$

$$m =$$

$$15.6341 \times 10^4 =$$

$$t - 10 + t = 34$$

What is the value of t?

If $v = -4$ and $h = 47$ then
what is the value of t?
 $6v - 12h - 4h = t$

Crazy David had pizza 18 days in the month of September. Approximately what percent of the month did he have pizza?

Jenna told the class that they should drink about 1.97 liters of water per day. There are 17 kids in the class, including Jenna. They will all try to do that. How much water will the class drink in a day?

$$0.6 \times 0.9$$

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.
Then write the correct answer!

$$\begin{array}{r} \text{Sad Face} - \text{Happy Face} = 2 \\ \text{Sad Face} \times \text{Happy Face} = 35 \\ \text{Sad Face} + \text{Happy Face} = \underline{\hspace{2cm}} \end{array}$$

$$\text{Sad Face} = \underline{\hspace{2cm}} \quad \text{Happy Face} = \underline{\hspace{2cm}}$$

6 before 13 _____

9 after 15 _____

5 before 19 _____

3 before 18 _____

2 after 13 _____

2 before 16 _____

4 before 14 _____

6 after 17 _____

8 before 12 _____

1 before 15 _____

1 after 12 _____

7 before 11 _____

9 before 17 _____

8 after 11 _____

3 before 16 _____

6 before 22 _____

4 after 85 _____

9 before 50 _____

2 before 15 _____

5 after 19 _____

1 before 45 _____

5 before 67 _____

7 after 36 _____

4 before 96 _____

7 before 28 _____

3 after 58 _____

8 before 30 _____

Name: _____

Of the 200 students at Marion School, about $\frac{3}{8}$ of them have unique first names. What percent of them have unique first names?

$75,579 - 73,495 =$ _____

How many yards are in 18 feet?
_____ yards

Can 247 be evenly divided by 11? Circle:
247 is evenly divisible by 11
247 is NOT evenly divisible by 11

You cannot decide what pizza store to go to. Emily's pizza cuts their pizza into 7 slices. Each slice costs \$5 each. Holly's pizza cuts their pizza into 6 slices. Each slice costs \$4 each. If you like each pizza the same, which pizza store has the better buy?

$10 \times 7 =$ _____

$$\begin{array}{r} 68 \\ - 23 \\ \hline \end{array}$$

$8 \times 9 =$ _____

$9 \times 9 =$ _____

$4 \times 6 =$

$36 \div 6 =$ _____

$5 \times 10 =$

Name: _____

$6 \times 5 =$ _____	Emma and her little sister, Maria, both have birthdays on the same day. Emma is eleven years old. Maria is nine years old. Did you know that Emma was once double the age of Maria? How many years ago was that?
$5 \times 11 =$ _____	

$6 \times 5 =$ _____	Three girls ran a race. Megan ran past Erin in the race and Erin never caught up. Ava was not as fast as Megan. Who won the race? Do you have enough information to know?	$11 \times 3 =$ _____
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What is the largest possible sum of a three-digit number and a two-digit number? Show the two numbers.	Circle the greatest number: 4,606,845,721 903,682,350,194 3,782,591 7,508		
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">$7 \times 8 =$ _____</td> <td style="width: 50%;">$11 \times 9 =$ _____</td> </tr> </table>	$7 \times 8 =$ _____	$11 \times 9 =$ _____
$7 \times 8 =$ _____	$11 \times 9 =$ _____		

$475 - 434 =$ _____	$30 \div 3 =$ _____	$88 \div 8 =$ _____
---------------------	---------------------	---------------------

$9 \times 11 =$ _____	$54,559 + 33,285 =$ _____
-----------------------	---------------------------

$3,964 + 5,345 =$ _____

Name: _____

4 • 0 • + • 0 • 6 • x • 6 • 6 • ÷ • 8 • 3 • = • 1 • 2 • + • 7
2 • 2 • 3

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

7					x				=		2		8		
											x		4 = 0		
					6						8				
					2				8		=		1		
					7				8						
9						=		5		4					
1						1									
=						4		x				=		2	
7															
2						1		+				=			
						+									
6		x				=		4							
=						=									
8						+				=		5		- 0	

Circle the smallest number:

- 527,235
- 35,427,910,683
- 73,618
- 269,710,584,940

55 ÷ 5 = _____

Name: _____

5 • 8 • = • 2 • + • x • 2 • 1 • 0 • 7 • 2 • x • 3 • = • 6 • 5
8 • 5 • 5 • 1

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

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.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word **Sum**

1 2 4 8 14

B A N J O

7

1 2 6

C L

~~A~~ ~~X~~ ~~X~~ D E F G H I ~~X~~ K ~~X~~ M
~~N~~ ~~X~~ P Q R S T U V W X Y Z

Make a Word **Sum**

1 2 4 6 8 14 20

E

1 2 4

O

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

Name: _____

Jordan, Madison, Grace, and Jordan are students. They are each in a different grade (fourth, third, second, and fifth). Each of the students has a different favorite subject in school (science, social studies, math, and reading).

Match each student with their favorite subject and the grade that they are in.

1. Madison and Grace both enjoy reading, but it is not their favorite subject.
2. Jordan and Madison both enjoy science, but it is not their favorite subject.
3. Jordan is in a higher grade than Grace.
4. Madison and Jordan both enjoy science, but it is not their favorite subject.
5. When Jordan was in the third grade, his favorite subject was reading. Now, Jordan prefers a different subject.
6. Grace is in a lower grade than Madison.
7. Grace is in a lower grade than Jordan and is in a lower grade than Madison.
8. Reading is the favorite subject for either the third or fifth grade student.
9. Social studies is the favorite subject for either the fourth or fifth grade student.
10. Madison and Jordan both enjoy math, but it is not their favorite subject.
11. Jordan is in a lower grade than Madison.
12. The second grade student's favorite subject is science.
13. Madison is in a higher grade than Grace and is in a higher grade than Jordan.

Jordan's favorite subject is _____. Jordan is in the _____ grade.

Madison's favorite subject is _____. Madison is in the _____ grade.

Grace's favorite subject is _____. Grace is in the _____ grade.

Jordan's favorite subject is _____. Jordan is in the _____ grade.



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Use $>$, $<$, or $=$ to complete.

$$28\% \text{ — } \frac{1}{3}$$

$$51\% \text{ — } \frac{2}{8}$$

$$84\% \text{ — } \frac{2}{12}$$

Simplify.

$$\frac{5,200}{20,800} =$$

$$(9 + 18) + 7 = 2(v + 9)$$

What is the value of v ?

What is the mode of the following number set?

30, 38, 32, 41, 44, 37, 36, 42,
27, 35, 31, 33, 39, 34, 29

Dr. Rock discovered a new planet. As he explains it, this new planet has a diameter that is 4.14 times that of Earth's. If Earth's diameter is 12,756 kilometers, then what is this new planet's diameter?

A circle graph has five sections. Only four sections are labeled. The labels are 19%, 23%, 20%, and 16%. What should the missing section be?

$$\frac{3}{6} \times \frac{4}{6}$$

$$0.2 (0.4 (0.2 + 9)) =$$

$$p - \$52 = \$38$$

What is the value of p ?

Simplify.

$$\frac{88}{132} =$$

$$27 - t + 7 = 20$$

What is the value of t ?

Circle the percentage that is closest to 15 out of 72:

- 5%
- 54%
- 38%
- 75%

Name: _____

$$\begin{array}{r} 0.08 \\ -0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 0.29 \\ -0.07 \\ \hline \end{array}$$

$$\begin{array}{r} 0.38 \\ +0.9 \\ \hline \end{array}$$

$$\begin{array}{r} 0.92 \\ -0.17 \\ \hline \end{array}$$

$$\begin{array}{r} 0.37 \\ +0.31 \\ \hline \end{array}$$

$$\begin{array}{r} 0.73 \\ +0.95 \\ \hline \end{array}$$

$$\begin{array}{r} 33.58 \\ +26.48 \\ \hline \end{array}$$

$$\begin{array}{r} 13.6 \\ -13.48 \\ \hline \end{array}$$

$$\begin{array}{r} 2.95 \\ +4.08 \\ \hline \end{array}$$

$$\begin{array}{r} 30.25 \\ -21.09 \\ \hline \end{array}$$

$$\begin{array}{r} 39.8 \\ -30.47 \\ \hline \end{array}$$

$$\begin{array}{r} 16.02 \\ +20.92 \\ \hline \end{array}$$

$$\begin{array}{r} 11.44 \\ +11.45 \\ \hline \end{array}$$

$$\begin{array}{r} 39.52 \\ +30.09 \\ \hline \end{array}$$

$$\begin{array}{r} 12.33 \\ -11.84 \\ \hline \end{array}$$

$$\begin{array}{r} 14.88 \\ +5.59 \\ \hline \end{array}$$

$$\begin{array}{r} 1.15 \\ -1.1 \\ \hline \end{array}$$

$$\begin{array}{r} 9.5 \\ -9.13 \\ \hline \end{array}$$

$19.03 - 12.85 = \underline{\hspace{2cm}}$

$30.54 - 26.66 = \underline{\hspace{2cm}}$

$14.82 + 21.9 = \underline{\hspace{2cm}}$

$7.4 + 3.68 = \underline{\hspace{2cm}}$

$28.11 + 36.12 = \underline{\hspace{2cm}}$

$13.41 - 13.32 = \underline{\hspace{2cm}}$

$26.06 + 32.26 = \underline{\hspace{2cm}}$

$11.9 + 14.29 = \underline{\hspace{2cm}}$

$33.65 + 30.02 = \underline{\hspace{2cm}}$

$13.27 - 7.85 = \underline{\hspace{2cm}}$

An angle measures 59° .
What would you call this angle?

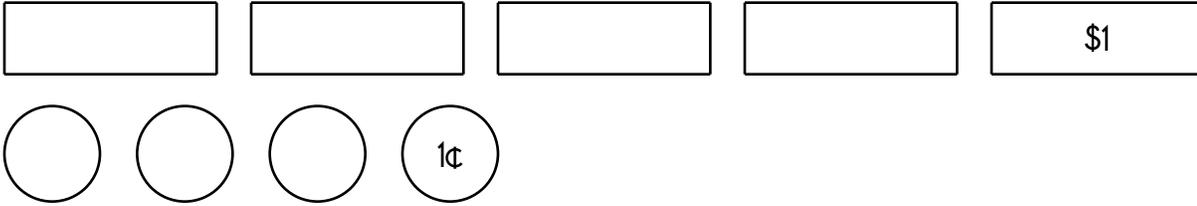
An angle measures 72° .
What would you call this angle?

What kind of angle has a measure of 180° ?

Name: _____

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

Make \$14.56 using bills and coins.



Show a different way to make \$14.56 using a different number of bills or coins.

Make \$34.45 using bills and coins.

Show a different way to make \$34.45 using a different number of bills or coins.

Name: _____

Write the final part of each math analogy.

seven tens and nine ones : 79 :: two tens and five ones :

Explain why you think your answer is correct.

CGCGCG : CG :: FHFHFH :

Explain why you think your answer is correct.

three dimes and seven pennies : \$0.37 :: four dimes and two pennies :

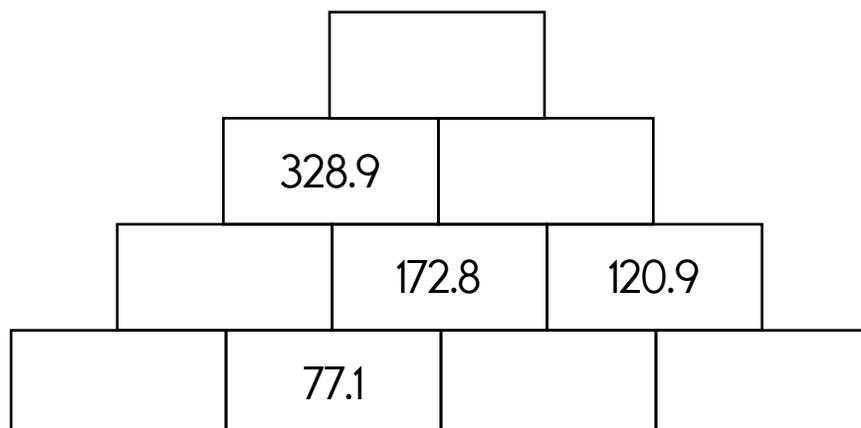
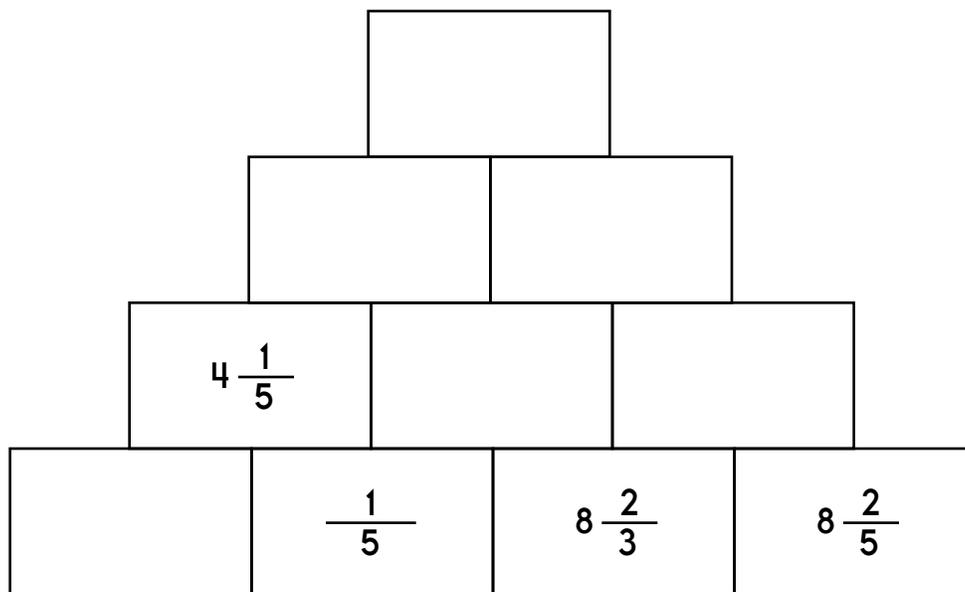
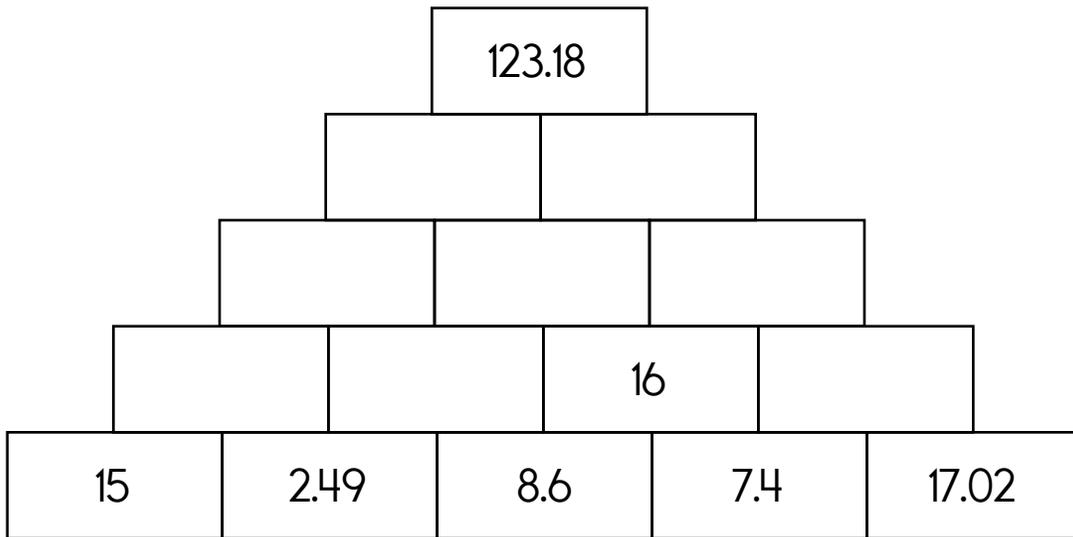
Explain why you think your answer is correct.

third, seventh, _____, fifteenth : eleventh :: _____, sixth, tenth, fourteenth :

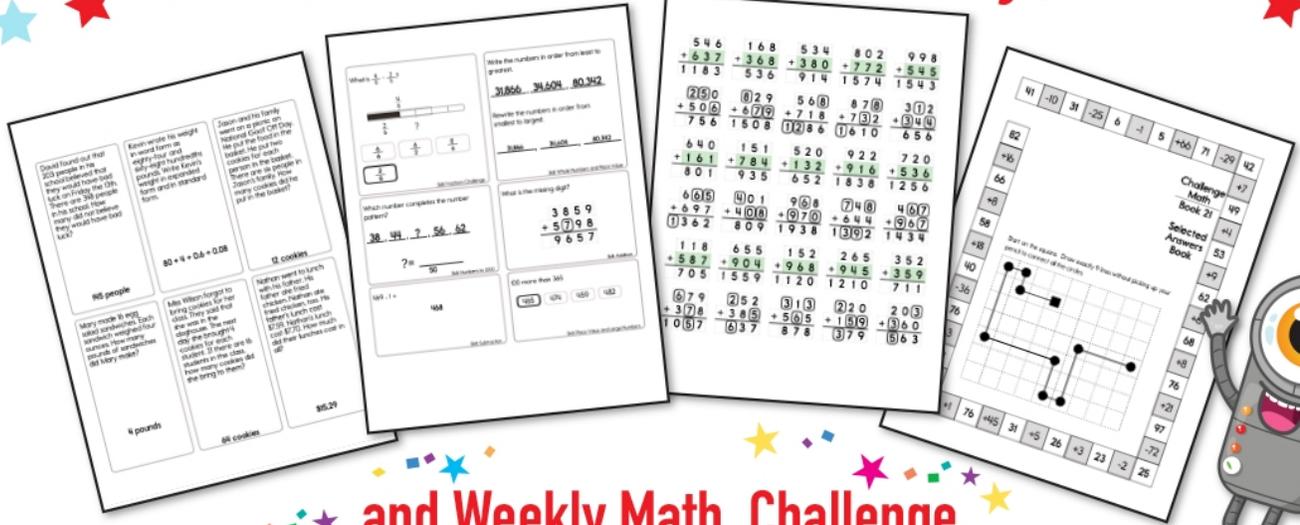
Explain why you think your answer is correct.

Name: _____

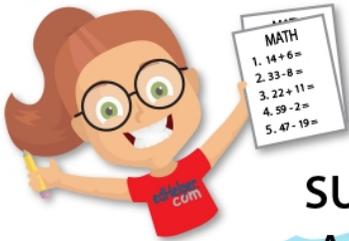
The block above is the sum of the two blocks below. Fill in the missing blocks.



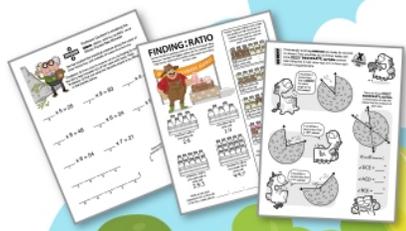
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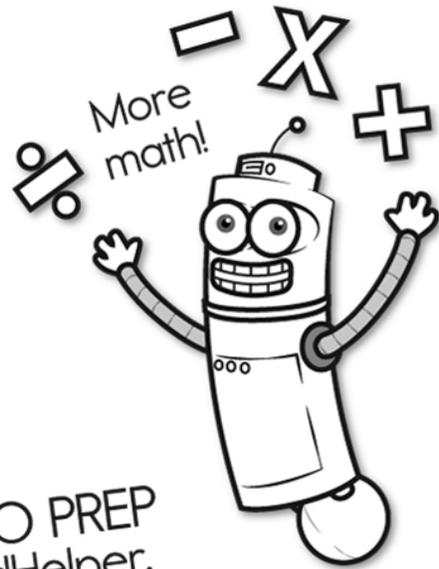
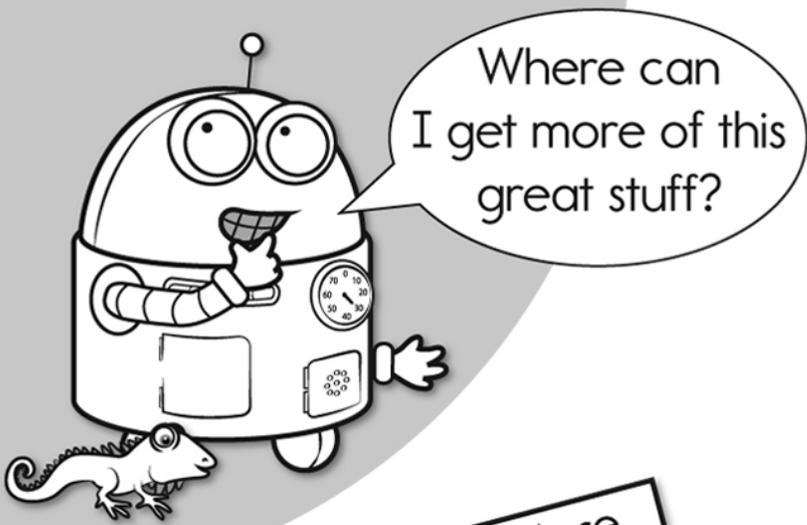
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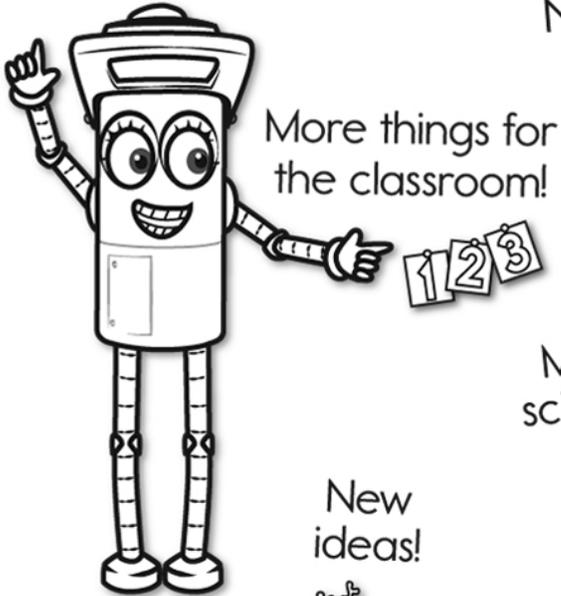
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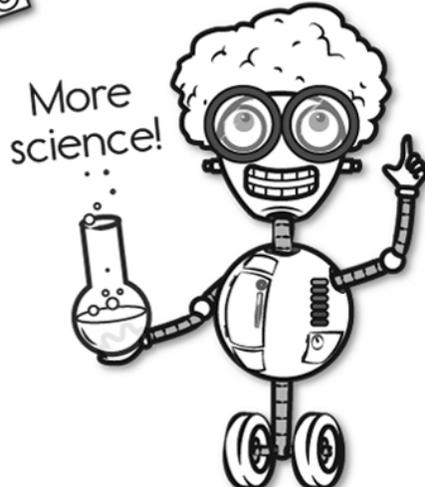


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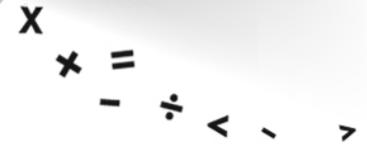
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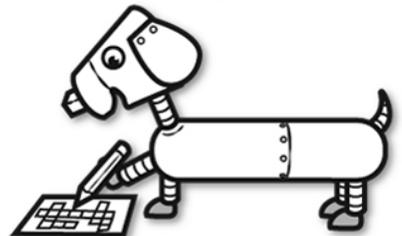
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