

Name: _____

$$\begin{array}{r} 632 \\ + 40 \\ \hline \end{array}$$

67 is how much more than 572?

$$\begin{array}{r} 45,049 \\ - 24,596 \\ \hline \end{array}$$

Write the reciprocal.
18

Reduce $\frac{10}{35}$ to its lowest terms.

$$8 - \frac{1}{11} + \frac{1}{2} =$$

Find 18% of 72.

Change $\frac{76}{80}$ to a decimal.

Change $\frac{12}{100}$ to a percent.

79 is what percent of 158?

Change to percents.

$$\frac{40}{100} =$$

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

$$\frac{50}{100} =$$

$$\frac{19}{100} =$$

$$\frac{7}{10} =$$

$$\frac{65}{100} =$$

Find 40% of 125.

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Ava's favorite site is edHelper, but she likes to browse many web sites. During each day this week she counted the number of web sites she visited. Her totals for each day of the week were 34, 21, 15, 23, 18, 22, and 29. What was the average number of web sites she visited each day? Round your answer to the nearest whole number.

In 1998 a tank of sea monkeys traveled 3.6 million miles in a spacecraft with astronaut John Glenn. Glenn's first trip in space was only 0.08 million miles. How much farther did Glenn and the sea monkeys travel on the second trip than Glenn traveled on his first trip?

It was 89 degrees outside. What would the temperature be if it got 30 degrees colder?

The radius of a circle is 720 cm. What is the diameter of this circle?

$$24 \div 4 + 1$$

Robinson Crusoe spent a lot of time exploring his island. He walked 5.3, 5.7, 6.3, 8.4, 9.8, 9.7, and 6.5 kilometers during his first week. What was the average distance he walked each day? Round your answer to the nearest tenth.

Eric made a bulletin board display for Beethoven's birthday. He worked on it $2\frac{1}{4}$ hours on Thursday and $2\frac{1}{3}$ hours on Friday. How many minutes did he work on it in all?

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

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The science club has raised \$136.17 to buy food for a polar bear cub at the zoo. It costs \$47.53 to feed the cub each week. How much more money does the club need to raise to feed the cub for one month (four weeks)?

There are 33 dogs at the Marin Animal Rescue Shelter. Of that number, $\frac{1}{5}$ are black, $\frac{1}{3}$ are white, $\frac{1}{3}$ are brown, and the rest have mixed coloring. How many dogs are more than one color?

If a rubber band can be stretched to a circular shape that has a radius of 2.4 inches. How many 1.4-mm diameter toothpicks of could fit within it? (1 inch = 25.4 mm)

Round 61,565 to the nearest hundred.

Write the missing family fact.

$$17 \times 8 = 136$$

$$8 \times 17 = 136$$

$$136 \div 17 = 8$$

How many meters are there in 74 kilometers?

Jacob packs boxes of loose tea into cartons for shipping. Each box measures 4 inches x 3 inches x 7 inches. The cartons are 20 inches x 27 inches x 21 inches. How many boxes of loose tea will fit into each carton?

Mr. Martin used 121 tiles to cover the floor of his music shop. If the room is square, how many tiles are in each row?

Megan arranged 10 packages of Jell-O into a "T" shape 6 boxes high and 4 boxes wide. Each box measures 4 inches by $2\frac{1}{2}$ inches. What is the total surface area of the "T" shape?



Name: _____

<p>Gavin just got a job at Lulu's Café cleaning off tables. The owner said that Gavin could be a server next summer if he does a good job. Gavin makes \$6.15 per hour. If Gavin works $4\frac{1}{2}$ hours a day for four days each week, how much money will he make each week?</p>	<p>The students in Ms. Moore's class raised money to buy T-shirts for the EMS workers in their town. The T-shirts cost \$15.15 each, including tax. They bought shirts for 14 workers. What was the total cost?</p>	<p>Ms. Rodriguez borrowed \$3,500 to help her finish her last year of master's degree classes in teaching reading. She will repay it in five years at a simple interest rate of 7%. How much will she have to repay at the end of five years?</p>
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<p>Nathan took three numbers greater than 1 and multiplied them. One number was five and the other number was seventeen. Of course, he forgot the last number, but he remembered the product was 181. Is this possible?</p>	<p>Write the missing family fact.</p> <p> $138 - 64 = 74$ $74 + 64 = 138$ $64 + 74 = 138$ </p> <p>_____</p>
	<p>$22 \div 2 = \underline{\hspace{2cm}}$</p>

<p>26 cm = _____ mm</p>	<p>$89,214 - 24,347 = \underline{\hspace{2cm}}$</p>	<p> $\begin{array}{r} 301 \\ + 343 \\ \hline \end{array}$ </p>
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<p>Write an equation to represent this:</p> <p>The sum of ten and nine is nineteen.</p> <p>_____</p>	<p>$8 \times 6 = \underline{\hspace{2cm}}$</p>	<p> $\begin{array}{r} 454 \\ - 354 \\ \hline \end{array}$ </p>
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Name: _____

Anne and Amy are playing a number game.
Anne says 45. Amy replies that the answer is 5.
Anne says 63. Amy replies that the answer is 7.
Anne says 72. Amy replies that the answer is 8.
Anne says 27. Amy is thinking. What number should Amy reply with?

What number is halfway between 23 and 40?

$$54 \div 9 = \underline{\hspace{2cm}}$$

How many kilograms are in 2,000 grams?

_____ kilograms

$$375 + 669 = \underline{\hspace{2cm}}$$

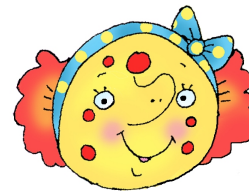
$$\begin{array}{r} 21 \\ + 44 \\ \hline \end{array}$$

Can 315 be evenly divided by 9? Circle:

315 is evenly divisible by 9

315 is NOT evenly divisible by 9

$$11 \times 7 = \underline{\hspace{2cm}}$$



Sarah rolls two dice. What is the chance of her rolling a 4 on one die and a 2 on the other die?

$$\begin{array}{r} 38 \\ - 24 \\ \hline \end{array}$$

$$6 \times 5 = \underline{\hspace{2cm}}$$

1 lb = 16 oz

12 lb = _____ oz

$$11 \times 4 = \underline{\hspace{2cm}}$$

For 5,046,537,733,518,740, write the digit that is in the ten thousands place.

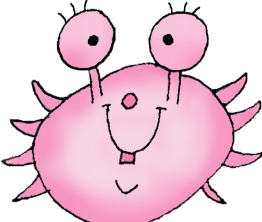
$$7 \times 5 = \underline{\hspace{2cm}}$$

$$783 + 597 = \underline{\hspace{2cm}}$$

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259 + 657 = _____	<p>You are given three cards. One card has the number 1 on it, another card has a 2, and the last card has the number 3 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?</p>
625 + 742 = _____	
<p>What time is 14 hours after 5:00 p.m.?</p> <p>_____</p>	

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>four hundred ninety-one thousand, five hundred twenty-five</p> <p>_____</p>	<p>Circle the addition property for $50 + 152 = 152 + 50$.</p> <p>associative property commutative property</p>
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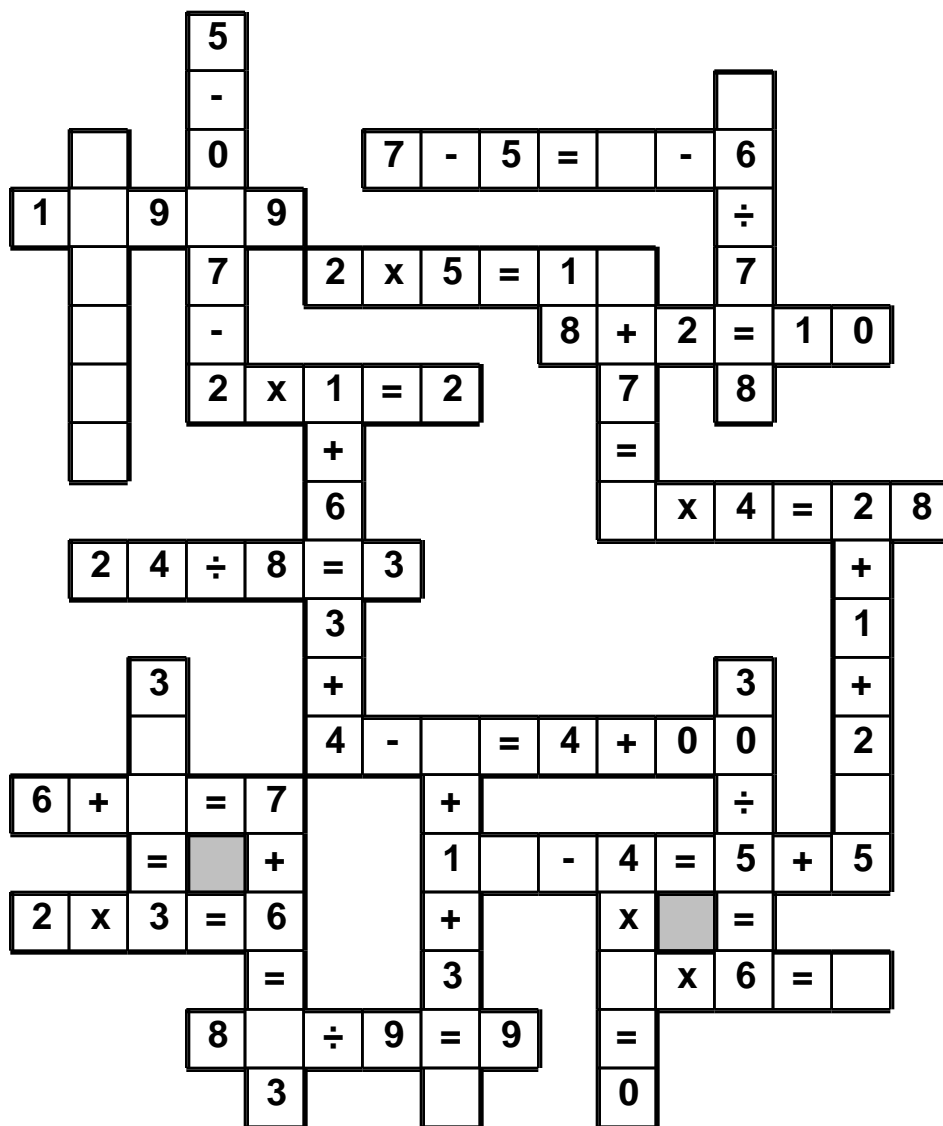
<p>The product of two consecutive whole numbers is 42. What are the two consecutive whole numbers?</p>	<p>$12 \div 4 =$ _____</p>	<p>You have four digits to use in an addition problem: 2, 4, 9, and 8. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?</p>
		

<p>$(7 + 8) + 3 =$ _____</p>		<p>$4 \times 4 =$ _____</p>
<p>$8 \times 3 =$ _____</p>	<p>$6 \times 4 =$ _____</p>	<p>$40 \div 5 =$ _____</p>

Name: _____

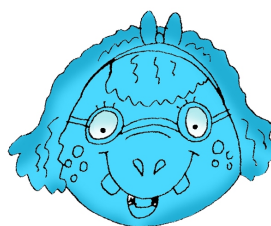
5 • 8 • 8 • x • = • 9 • 0 • = • 7 • 2 • 7 • x • 0 • 1 • = • 4
0 • 0 • 1 • 4

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



You cannot decide what pizza store to go to. Anne's pizza cuts their pizza into 7 slices. Each slice costs \$3 each. Rosa's pizza cuts their pizza into 8 slices. Each slice costs \$3 each. If you like each pizza the same, which pizza store has the better buy?

$857 - 236 =$ _____



word root **tort** can mean **twist**

contorted, torture

Name: _____

x	1	2	3	4	5	6	7	8	9	10
4	4									
5							35			
8				32						
6								48		
2										20

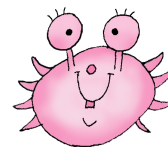
Can 948 be evenly divided by 6? Circle:

948 is NOT evenly divisible by 6

948 is evenly divisible by 6

April likes to change numbers into a secret letter form.

April changed the number 5,535 to AAAA. April changed the number 72,658 to AAAAA. April changed the number 23 to AA. April changed the number 623 to AAA. How do you think she would change the number 413,576?



Can 582 be evenly divided by 8? Circle:

582 is evenly divisible by 8

582 is NOT evenly divisible by 8

$6 \times 11 =$ _____

$30 \div 6 =$ _____

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Jessica and Emily are playing games on their phones. Who spent the most money?

Jessica bought an avatar for 112 FunBucks. She also bought some stickers for 28 FunBucks.

Emily bought a badge for her avatar for 28 PlayBucks.

1 US Dollar = 33 FunBucks

1 US Dollar = 6.2 PlayBucks

Draw a number line. Label 0 up to 3.

Then mark approximately where you

think $\frac{4}{5}$ and $2\frac{2}{3}$ should go.

Is $1\frac{3}{4}$ closer to $\frac{4}{5}$ or $2\frac{2}{3}$?

Circle the three largest numbers.

0.6 0.06 $\frac{1}{7}$

0.05 5.04 5

0.5 $\frac{1}{6}$ 0.07

7.08 6.01 $\frac{1}{5}$

Megan is 165.1 centimeters tall.
Alex is 5 feet, 4 inches tall.
Who is taller?

Hint: 1 inch = 2.54 centimeters

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Change $\frac{5}{20}$ to a decimal.

$$3 \overline{) 14.7}$$

Change $\frac{16}{50}$ to a decimal.

Change to a percent.
0.09

Change to a percent.
0.3

Change to a percent.

$$\frac{555}{100}$$

$$23 - y = 9$$

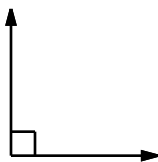
$$m - 6 = 29$$

What is the greatest common factor of 15 and 10?

$$80 \div -10 =$$

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

$$-13 + -11 =$$



What kind of angle is this?

Sketch 2 lines \overleftrightarrow{AB} and \overleftrightarrow{XY} that are intersecting.

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$$|-67| - |49| =$$

$$\frac{2}{5} \times \frac{1}{6}$$

Simplify.

$$\frac{18}{27} =$$

$$(9 + 15) + 10 = 2(v + 9)$$

What is the value of v?

Use >, <, or = to complete.

$$\frac{2}{9} \text{ — } 21\%$$

$$52\% \text{ — } \frac{3}{9}$$

$$\frac{3}{8} \text{ — } 68\%$$

$$|-15| - a = 10$$

a =

A circle graph has five sections. Only four sections are labeled. The labels are 22%, 9%, 5%, and 4%. What should the missing section be?

Dr. Rock discovered a new planet. As he explains it, this new planet has a diameter that is 5.34 times that of Earth's. If Earth's diameter is 12,756 kilometers. What is this new planet's diameter?

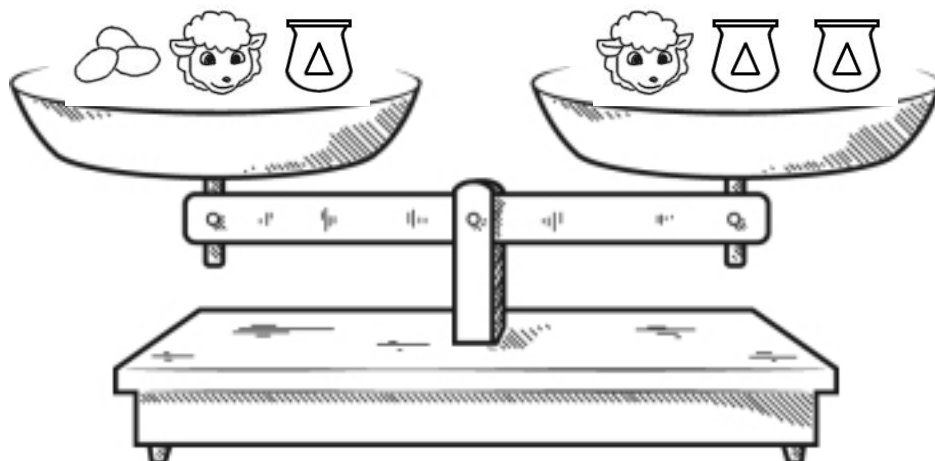
At the dive meet Adam received scores of 6.1, 5.6, 6.6, 7.1, and 6.8. The largest and smallest scores were dropped and the rest were averaged for a final score. What is the final score Adam received?

$$3 \times (27 \div 3) - 40 \div 8 =$$

Rewrite $\frac{3}{5}$ as a decimal.

$$0.7 (0.8 (0.7 + 2)) =$$

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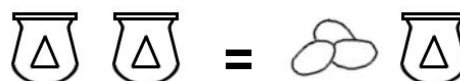
☐ True

☐ False



☐ True

☐ False



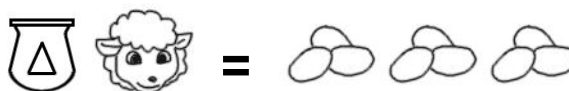
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that four are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **poly** can mean **many**

polygamy, polyphonic

Name: _____

		x		+		=	
+	C	C	?				104
+	B	C	A				48
=	B	C	B				44
	18	30	16				

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C + C = 30 \quad B \times C + \underline{\quad} = 48 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 18$$

$$\underline{\quad} \times \underline{\quad} + \underline{\quad} = 44$$

Additional hints:

$$A < 14 \quad C = A + 2$$

Show Work:

Solve:

$$? = \underline{\quad}$$

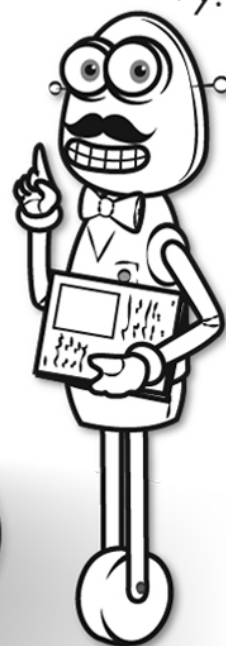


It's NO PREP at edHelper.

More history!



edHelper.com!



New online math games!



New ideas!



\times $=$ $-$ \div $<$ $-$ $>$

More puzzles!



