

$68\frac{3}{6}$	$+8\frac{1}{10}$		-12		$-\frac{1}{3}$		$+1$		$+28$	
-----------------	------------------	--	-------	--	----------------	--	------	--	-------	--

Name: _____

Pick 26 to do:

Skip 2 pages.

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Challenge Math Book 25

$157\frac{7}{30}$
$+6$
$+4\frac{2}{10}$
$+25$
$+57$
$+\frac{8}{10}$
-18

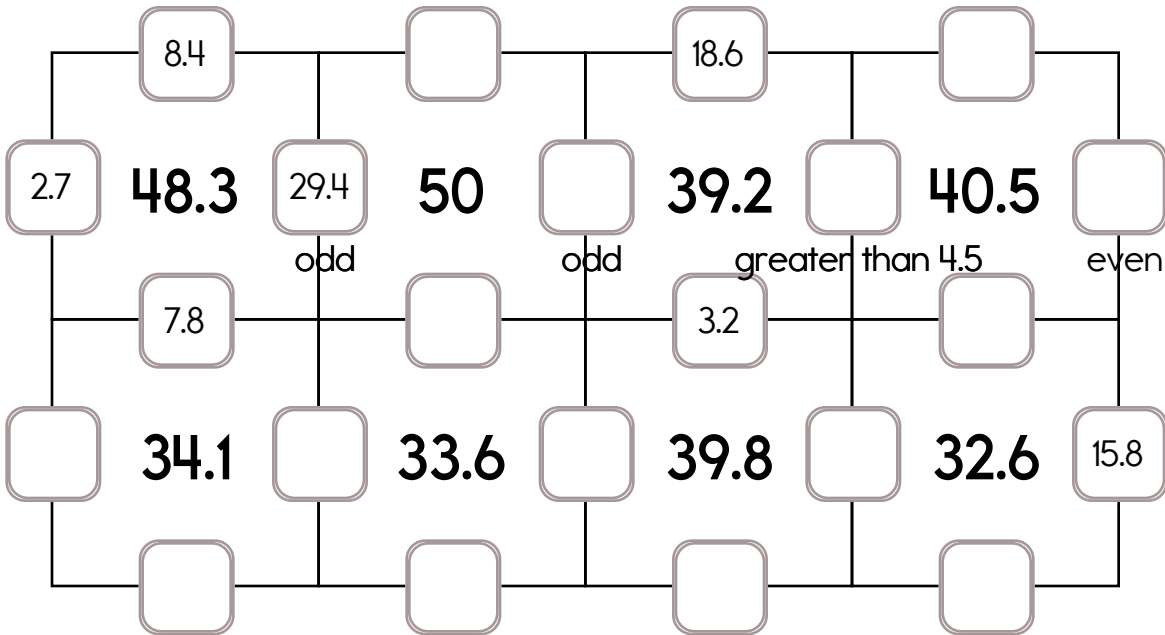
$-\frac{1}{3}$
$+49$
-47
$-\frac{5}{10}$
$-3\frac{3}{6}$
$+13$
$103\frac{14}{15}$
$+\frac{1}{6}$



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 29.4, 18.6, or 15.8.

The other three numbers have to all be **DIFFERENT** and must be from these: 9.6, 2.7, 4.5, 8.4, 3.2, or 7.8.



	$-\frac{2}{3}$		-27		$+9$		$-2\frac{3}{6}$		$-\frac{7}{10}$	
--	----------------	--	-------	--	------	--	-----------------	--	-----------------	--

Name: _____

$$9 - 2 + (12 + 7) - 8$$

Circle the percentage that is closest to 26 out of 72:

78%

13%

13%

29%

Rewrite $\frac{4}{25}$ as a decimal.

$$3 \times 3 = x^2$$

What is the value of x?

What is the remainder of 58 divided by 7?

$$(7 + 11) + 6 = 2(v + 10)$$

What is the value of v?

Anne told the class that they should drink about 1.97 liters of water per day. There are 16 kids in the class, including Anne. They will all try to do that. How much water will the class drink in a day?

A circle graph has five sections. Only four sections are labeled. The labels are 13%, 16%, 7%, and 12%. What should the missing section be?

At the dive meet Adam received scores of 7.4, 6.9, 7.4, 8.3, and 7.7. The largest and smallest scores were dropped and the rest were averaged for a final score and rounded to the nearest tenth. What is the final score Adam received?

$$y = x + 15$$

$$y = 22$$

What is the value of x?

$$\frac{2}{10} \div \frac{19}{40} =$$

$$7h - 8.5 = 54.5$$

h =

Name: _____

If $x = 7$ and $w = -16$ then
what is the value of g ?

$$5x + 8w - 4w = g$$

$$(7 + 12 + 8 + 5) =$$

90, 99, 108, _____, 126,

135, 144, 153

$$4 + 63 \div 9 - 12 \div 4 =$$

In what quadrant would
you find the point $(-11, 11)$?

Simplify.

$$\frac{8,000}{12,000} =$$

The angles in a
quadrilateral
measure 115° , 109° , 97° ,
and y° . What is the
value of y ?

What is the area of a
rectangle with a length
of 26 centimeters and a
width that is $\frac{1}{2}$ the
length?

A circle graph has five
sections. Only four
sections are labeled. The
labels are 6%, 15%, 16%, and
6%. What should the
missing section be?

$$0.7 \times 0.5$$

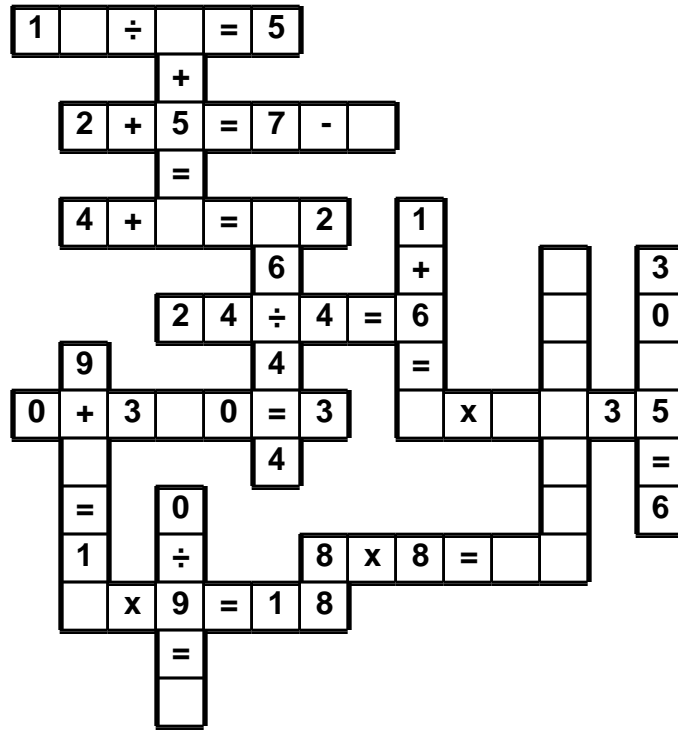
$\$85 - p = \23
What is the value of p ?

$$0.007 \times 0.3$$

Name: _____

5 • 3 • 0 • 8 • 1 • 2 • + • 0 • ÷ • + • 7 • 5 • = • 3 • 6 • -
6 • 4 • 2 • 0

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



Find the least common denominator.

$$\frac{8}{7} \text{ and } \frac{8}{14}$$

$$11 + \frac{3}{4} + \frac{1}{2} =$$

$$19 \frac{2}{9}$$

$$- 6$$

$$426 \div 12$$

$$4 \times 4 \times 4 \times 4 = 4^x$$

What is the value of x?

$$t - 9 + t = 31$$

What is the value of t?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

44	7	74
-	95	57 66
	42	27 82
	41	49 61

Find a subtraction fact.

B

29	18	74
-	78	72 75
	88	91 44
	25	53 95

Find a subtraction fact.

C

12	99	47
-	72	82 37
	51	60 19
	8	33 71

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	49	-	7	=	42
B	78	-		=	
C		-	12	=	

$30 \div 3 =$

Rewrite these in increasing order of length:

399 km, 299 dm, 272 cm

$$\begin{array}{r} 485 \\ + 272 \\ \hline \end{array}$$

$88 \div 8 =$

April rolls a die. What is the chance of her rolling a 2?

$2 \times 2 =$

word root **struct** can mean **build** **construct, destruct**

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 2 in your head

multiply 2

multiply 7

Write the ones digit.

_____ **A**

imagine 7 in your head

add 2

add 8

subtract 6

double it

Write the ones digit.

_____ **B**

imagine 3 in your head

multiply 2

subtract 3

multiply 3

multiply 12

double it

Add the tens digit to the ones digit.

Write the sum.

_____ **C**

imagine 7 in your head

double it

add 5

subtract 9

Add the tens digit to the ones digit.

Write the sum.

_____ **D**

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ **h** _____ **t** _____

9 after 18 _____

3 before 18 _____

8 after 13 _____

5 after 19 _____

4 before 15 _____

6 after 14 _____

1 after 11 _____

5 before 12 _____

4 after 17 _____

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME**☐(Check the
box after
you play.)**MY SCORE**



Change 48% to a decimal
and a fraction expressed in
its lowest terms.

Rewrite as a vertical
equation and solve.
 $994.38 + 994.38 + 1.6$

57 is what percent of 95?

Write the decimal number
for:
eight hundred ninety-three
and four thousandths

$$\begin{array}{r} 910,033 \\ - 156,590 \\ \hline \end{array}$$

Find 25% of 248.

Name: _____

It is a very good toad season. Toads are everywhere! You decide to go out at night and count how many are in the front yard. Last night you counted twenty-one. Tonight you find thirty. How many more are there tonight compared to last night?

One kilogram is equal to about 2.2 pounds. If a mail truck can carry 4,950 pounds of mail, how many kilograms is that? Round your answer to the nearest whole number.

If two fractions are not in the same fraction family, can they still form a proportion?

A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 25 feet and a perimeter of 106 feet. What was the sign's width?

A rectangular playground at Bigtown Middle School has a perimeter of 484 meters, and one of the sides is 110 meters long. What is the area of the playground?

Joe's nursery just received a shipment of 4.35 tons of oak firewood. He sells it in 40-lb lots. How many lots can he make from 4.35 tons?

$$7x - 16.6 = 32.4$$

x =

What is the greatest common factor of the numbers 104 and 65?

$\frac{1}{1024}$, $\frac{1}{256}$, _____, $\frac{1}{16}$,
 $\frac{1}{4}$, (1), (4), (16),
(64), (256)

Name: _____

The width of a rectangle is 5 cm shorter than its length.

It has a perimeter of 42 cm.

What is the area of this rectangle?

Show your work.

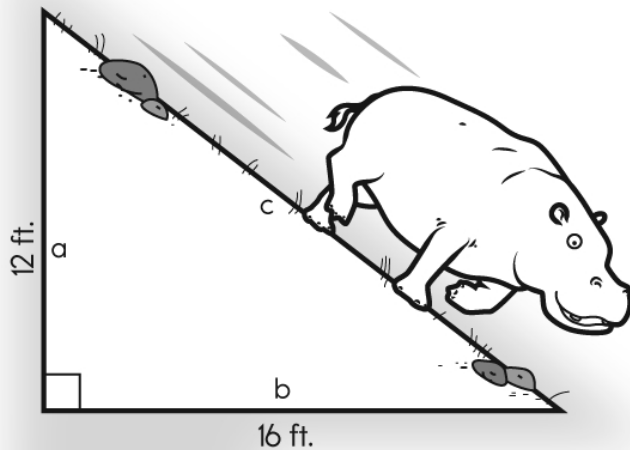
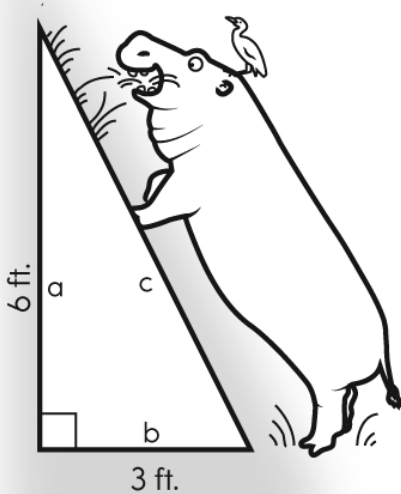
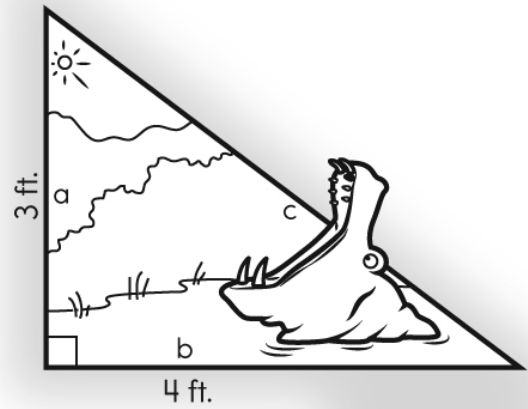
Name: _____

Hippopotamus' Hypotenuses

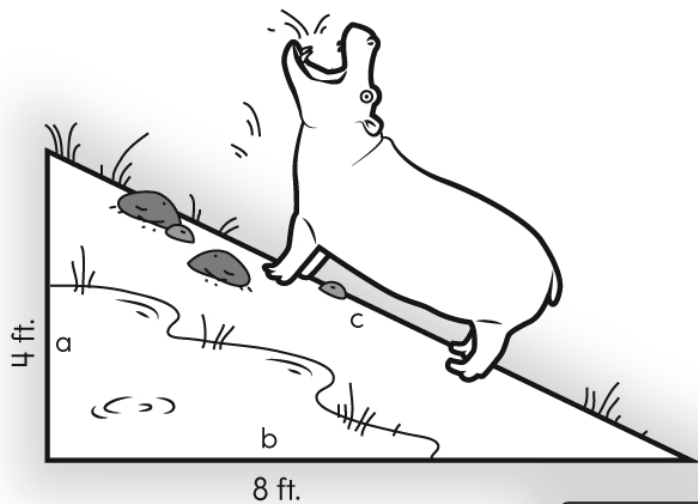


Find the hypotenuse of each triangle
using the Pythagorean Theorem:

$$a^2 + b^2 = c^2$$

c = c = c =

Round answers
to the nearest whole
numbers.

c =

Name: _____

Express 12 as a product of its prime factors.

$2 \times 3 \times 3$

12×1

$2 \times 2 \times 3$

$2 + 10$

Skill: Whole Numbers, Factors, and Prime Numbers

Which are factors of 20? (You can select more than one.)

There may be multiple answers.

2

20

4

10

Skill: Estimation and Number Theory

$\frac{1}{3}$ and $\frac{5}{15}$ are _____
fractions.

like

equivalent

Skill: Basics of Fractions and Mixed Numbers

What is the sum in simplest form?

$\frac{1}{5} + \frac{2}{10}$

$\frac{4}{10}$

$\frac{4}{5}$

$\frac{2}{5}$

Skill: Fractions and Mixed Numbers (addition/subtraction)

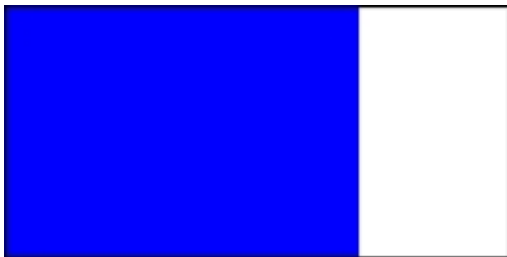
five hundred twelve thousand, eighty-four

Skill: Whole Numbers

Round 53,910 to the nearest thousand.

Skill: Estimation and Number Theory

Approximately what percent of the rectangle is colored blue?



20 %

45 %

70 %

Skill: Percents

Circle the like fractions.

There may be multiple answers.

$\frac{5}{8}$

$\frac{6}{10}$

$\frac{9}{10}$

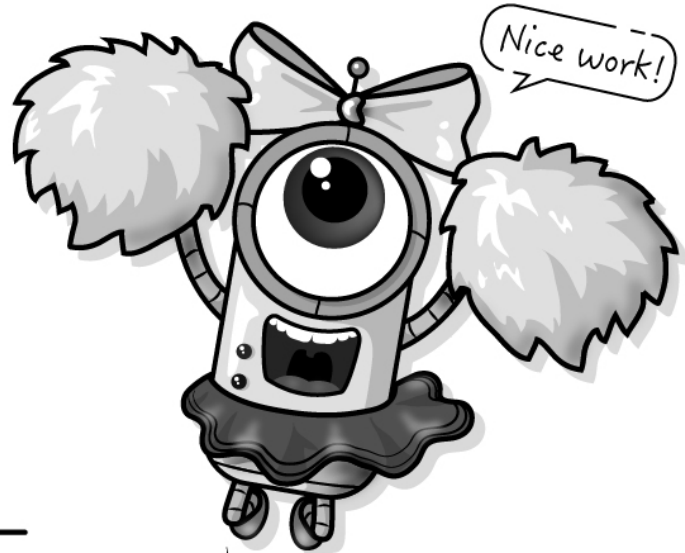
Skill: Basics of Fractions and Mixed Numbers

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME**☐(Check the
box after
you play.)**MY SCORE**



$0.8 \cdot 7 =$

$4 \div 4 + 11$

$2 + 9 + 2 \times 11 - 5$

$$\frac{1}{2} + \frac{1}{s} = \frac{7}{10}$$
$$s =$$

$8 + (84 \div 7) - 54 \div 6 =$

If
 $10,000,000,000,000$
 $= 10^x$, then what is the
value of x ?

Name: _____

Cross off the number that does NOT belong.

24, 154, 39, 138, 54, 122, 69, 106, 84, 86, 90, 99, 74

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

47, 55, 58, 63, 74, 85, 99, 113, 130, 147, 167, 187, 210, 233, 259, 285, 314

Why does _____ not belong in the pattern?

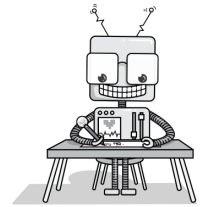
Name: _____

Secret Mission: You have been hired to develop and evaluate robots' math skills. Sometimes, they give thorough, correct explanations. However, they occasionally go haywire.

Robot Rob was given a math problem to solve.

Hunter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 14, which will make 14 cookies. The problem is that he needs to make 105 cookies for his party, and his oven can only fit one cookie sheet at a time. How many cookie sheets will he need to bake?

Robot Rob thinks this might be the answer:



He needs 105 cookies and one sheet makes 14 so he needs $105/14 = (105/14=7.5)$ 7.5
You can't have half a sheet so he will need 8 cookie sheets. Answer: 8.

Robot Rob did not explain too much. How do you think Robot Rob could have shown his work better?

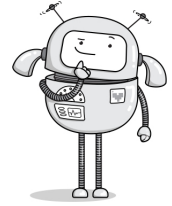
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edHelper

Name: _____

He is not sure that is correct, so he asked Robot Rita for help. This is how she tries to solve the problem.



Hunter will need to bake 8 cookie sheets.

To solve this problem, you would need to divide the total number of cookies Hunter needs to bake by the number of cookies that fit on one cookie sheet. 105 cookies divided by 14 cookies per sheet gives you 7.5 sheets. However, since you can't use half a cookie sheet, you would need to round up to the next whole number, which is 8. So, Hunter would need to bake 8 sheets of cookies in order to have enough for his party.

If you were the teacher, how would you grade Robot Rita's work? Explain and also make comments in Robot Rita's work.

Hint: EdHelper's answer pages gave this answer.

He will need to bake 8 cookie sheets.

☐

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edHelper**Name:** _____

Now that you have seen edHelper's answer and how Robot Rob and Robot Rita tried to solve this problem, how would you solve it? Show your steps and explain.

Hunter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 14, which will make 14 cookies. The problem is that he needs to make 105 cookies for his party, and his oven can only fit one cookie sheet at a time. How many cookie sheets will he need to bake?

Name: _____

Now it's your turn. You've seen how the robots tried to solve this problem, and you corrected their work. Now you try doing it!

Peter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 17, which will make 17 cookies. The problem is that he needs to make 72 cookies for his party, and his oven can only fit one cookie sheet at a time. How many cookie sheets will he need to bake?

Name: _____

What is the least common multiple for each of the number sets?

The least common multiple of 7 and 16 is _____

The least common multiple of 8 and 15 is _____

The least common multiple of 6 and 10 is _____

The least common multiple of 4 and 10 is _____

The least common multiple of 12 and 14 is _____

Change to percents.

$$\frac{89}{100} =$$

$$\frac{5}{10} =$$

$$\frac{2}{10} =$$

$$\frac{38}{100} =$$

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

$$\frac{70}{100} =$$

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{112}{56} =$$

$$\frac{32}{10} =$$

$$\frac{228}{36} =$$

$$\frac{16}{18} =$$

$$\frac{245}{28} =$$

$$\frac{42}{63} =$$

$$\begin{array}{r} 7 \frac{5}{8} \\ + 3 \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 6.7 \\ + 611.2 \\ \hline \end{array}$$

Change 0.07 to a percent.

$$\begin{array}{r} 5,110 \\ - 1,559 \\ \hline \end{array}$$

Name: _____

In each group, use 4 of the numbers to make a proportion.

10 50 33 3 15 46

45 6 25 29 30 5

Sketch 2 lines \overleftrightarrow{GH} and \overleftrightarrow{UV} that are parallel.

Sketch 2 lines \overleftrightarrow{BC} and \overleftrightarrow{UV} that are intersecting.

Round the decimal 0.575 to the nearest hundredth.

35 divided by 5 equals

19, 38, _____, 76, 95, 114,
133

$2,524 - 1,965 =$ _____

How many inches are in 3 feet?

_____ inches

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edHelper

Name: _____

It is the first day of field practice and Robert, Hunter, and Alex are training for the long jump. Robert and Hunter average 6 and 11 feet, respectively, on three jumps. Alex jumps once and achieves 14 feet. What was the difference between the lowest average distance and Alex's distance?

Two objects (very tiny space ships actually) hit a wall. Object one applied a force of $\frac{7}{13}$ of a Newton to the wall, and object two applied a force of $\frac{6}{7}$ of a Newton. Prove which one applied the larger force. (force = mass x acceleration)

Sarah has measured some yeast cells she isolated from the surface of grapes. The cells she measured were 12, 25, 20, 16, 11, and 21 micrometers in length. What was their average length in meters? Express your answer using scientific notation.

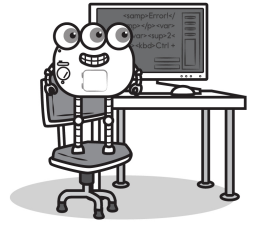
A motorized machine requires an input work of 3,300 joules to perform an output work of 2,600 joules. What is the efficiency of the machine? Round your answer to the nearest integer percent.

Amanda bought a new E string for her bass. The string cost \$5.97 plus 5.6% sales tax. What was the total cost?

A sample of clay is found in Mongolia that contains aluminum, silicon, hydrogen, magnesium, iron, and oxygen. The amount of iron is equal to the amount of aluminum. If the clay is 21% silicon, 13% hydrogen, 9% magnesium, and 25% oxygen, what is the percent iron?

Name: _____

Robot was given a math problem to solve.



Justin read that 82% of fifth grade students have eaten macaroni and cheese at least one time. If he asks 150 fifth grade students if they have eaten macaroni and cheese, about how many should say they have?

Robot wrote this program in Python to solve it.

```
# Variable for the total number of students
```

```
total_students = 150
```

```
# Variable for the percentage who have eaten macaroni and cheese
```

```
percentage_eaten = 82
```

```
# Calculate the number of students who have eaten macaroni and cheese
```

```
num_eaten = (total_students * percentage_eaten) / 100
```

```
# Print the result
```

```
print(round(num_eaten))
```

Robot's program will print the answer to the math problem.

What will the program print out? Fill in the blanks.



Quick Hints

For * you multiply the two numbers.

For / you divide the two numbers.

Hints

The round(number) function in Python is used to round a number to the nearest integer.

print(round(48.2)) would print 48

To divide in Python / is used.

Name: _____

Mrs. Ragnar's class is having a Valentine's Day Party. Each child must bring a valentine for every other child in the class. There are 13 girls and 12 boys in the class.

Annaliese wants to give a card that she buys from the store to everyone in the class. For Mrs. Ragnar she is going to make a card.

At the store, she finds exactly the cards she wants, but they are sold in boxes. Each box contains 6 cards and costs \$2.25. She wants to make sure she buys enough boxes. How many boxes should she get, and how much will it cost?

Jayden forgot to bring valentines! Fortunately, Mason, Abigail, Madison, and Mrs. Ragnar had extra cards so that Jayden could participate in the valentine exchange. When Jayden's mother came to pick him up, she insisted on paying everyone back for the cards they gave Jayden. Five of the cards cost \$0.68 each, six of the cards cost \$0.32 each, eight of the cards cost \$0.13 each, and seven of the cards cost \$0.10 each. How much money does Jayden's mother owe in total?

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edHelper**Name:** _____

One large can of jelly beans has 6 times the number of jelly beans in it than a smaller can of jelly beans.

The number of beans in the large can multiplied by the number of beans in the smaller can is 54.

Arnold took the jelly beans from the smaller can and put them all into the larger can.

How many jelly beans are now in the larger can?

Show your work. And eat some jelly beans! Yum.

Name: _____

$$\begin{array}{r} 1,251 \\ - 726 \\ \hline \end{array}$$

$$\begin{array}{r} 1,606 \\ - 932 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ + 763 \\ \hline \end{array}$$

$$\begin{array}{r} 754 \\ + 166 \\ \hline \end{array}$$

$$\begin{array}{r} 587 \\ - 420 \\ \hline \end{array}$$

$$\begin{array}{r} 715 \\ + 234 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ + 883 \\ \hline \end{array}$$

$$\begin{array}{r} 810 \\ + 447 \\ \hline \end{array}$$

$$\begin{array}{r} 188 \\ + 158 \\ \hline \end{array}$$

$$\begin{array}{r} 1,101 \\ - 391 \\ \hline \end{array}$$

$$\begin{array}{r} 363 \\ - 243 \\ \hline \end{array}$$

$$\begin{array}{r} 1,266 \\ - 852 \\ \hline \end{array}$$

$$\begin{array}{r} 1,077 \\ - 961 \\ \hline \end{array}$$

$$\begin{array}{r} 370 \\ + 332 \\ \hline \end{array}$$

$$\begin{array}{r} 613 \\ + 840 \\ \hline \end{array}$$

$$\begin{array}{r} 1,184 \\ - 653 \\ \hline \end{array}$$

$$\begin{array}{r} 1,052 \\ - 584 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ + 780 \\ \hline \end{array}$$

$$\begin{array}{r} 465 \\ + 678 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ + 876 \\ \hline \end{array}$$

$$\begin{array}{r} 464 \\ + 165 \\ \hline \end{array}$$

$$\begin{array}{r} 647 \\ - 306 \\ \hline \end{array}$$

$$\begin{array}{r} 1,062 \\ - 951 \\ \hline \end{array}$$

$$\begin{array}{r} 741 \\ - 214 \\ \hline \end{array}$$

$$\begin{array}{r} 299 \\ + 659 \\ \hline \end{array}$$

$$\begin{array}{r} 503 \\ - 395 \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ + 555 \\ \hline \end{array}$$

$$\begin{array}{r} 1,036 \\ - 738 \\ \hline \end{array}$$

$$\begin{array}{r} 526 \\ + 863 \\ \hline \end{array}$$

$$\begin{array}{r} 1,119 \\ - 768 \\ \hline \end{array}$$

$$\begin{array}{r} 617 \\ + 698 \\ \hline \end{array}$$

$$\begin{array}{r} 252 \\ - 102 \\ \hline \end{array}$$

$$\begin{array}{r} 505 \\ + 865 \\ \hline \end{array}$$

$$\begin{array}{r} 1,436 \\ - 979 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ - 252 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 6 \\ \hline \square \end{array}$$

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

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

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

$$\begin{array}{r} 24 \\ + 3 \\ \hline \square \end{array}$$

Name: _____

Which shape has the largest perimeter?

Each side of a hexagon is 233.8 cm.

Each side of a heptagon is 3.4 m.

Each side of a rectangle is 737.8 cm.

Each side of a triangle is 11.7 m.

Each side of a pentagon is 70.7 cm.

Each side of a decagon is 43.8 m.

Circle the one that is smaller.

- a. 4 km or 4 cm
- b. $5 \div 9$ or $4 \div 8$
- c. 5 mm or 500 cm
- d. $15 \div 11$ or $16 \div 12$
- e. 2.00083 or 2.0000083
- f. 2.00010 or 2.000010
- g. 9 km or 90 cm
- h. $17 \div 9$ or $16 \div 8$

Mary is doing some mental math. She picked a number from a hat. She multiplied that number by 3. Then she took the product and added 7 to it to get a result of 127. What number did Mary start with?

Emma picked a number from the hat and did the same thing, but her result was 108 less than Mary's result. What number did Emma start with?

Circle the one that is smaller.

- a. $30 - \frac{1}{5}$ or $30 - \frac{1}{4}$
- b. $\frac{31}{5}$ or $\frac{31}{6}$
- c. $94\frac{1}{5}$ or $94\frac{1}{4}$
- d. $\frac{1}{7}$ or $\frac{1}{6}$
- e. $\frac{1}{3} + \frac{1}{3}$ or $\frac{1}{4} + \frac{1}{4}$

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Name: _____

Erin went to the store and bought seventeen candy bars (all the same type) and seven packs of bubble gum (again, all the same type). She is afraid that she'll need to do extra brushing, so she bought three packs of toothpaste (all the same). The toothpaste came to a total of \$15.

If the candy bars are \$4 each and the packs of gum are \$2 each, how much did she spend altogether?

Kevin calculated that $10 \times 40 = 400$.

Show how you could use that information to figure out what 1.1×40 is without using the usual multiplication method.

Maria created a chart of whole numbers starting from 65 to 265. She drew a rectangle around each number. What is the 14th even number on her chart?

How many even numbers are on her chart?

a. What number or fraction when multiplied by 5 has a product of 15?

b. What number or fraction when multiplied by 5 has a product of 19?

c. What number or fraction when multiplied by 5 has a product of 21?

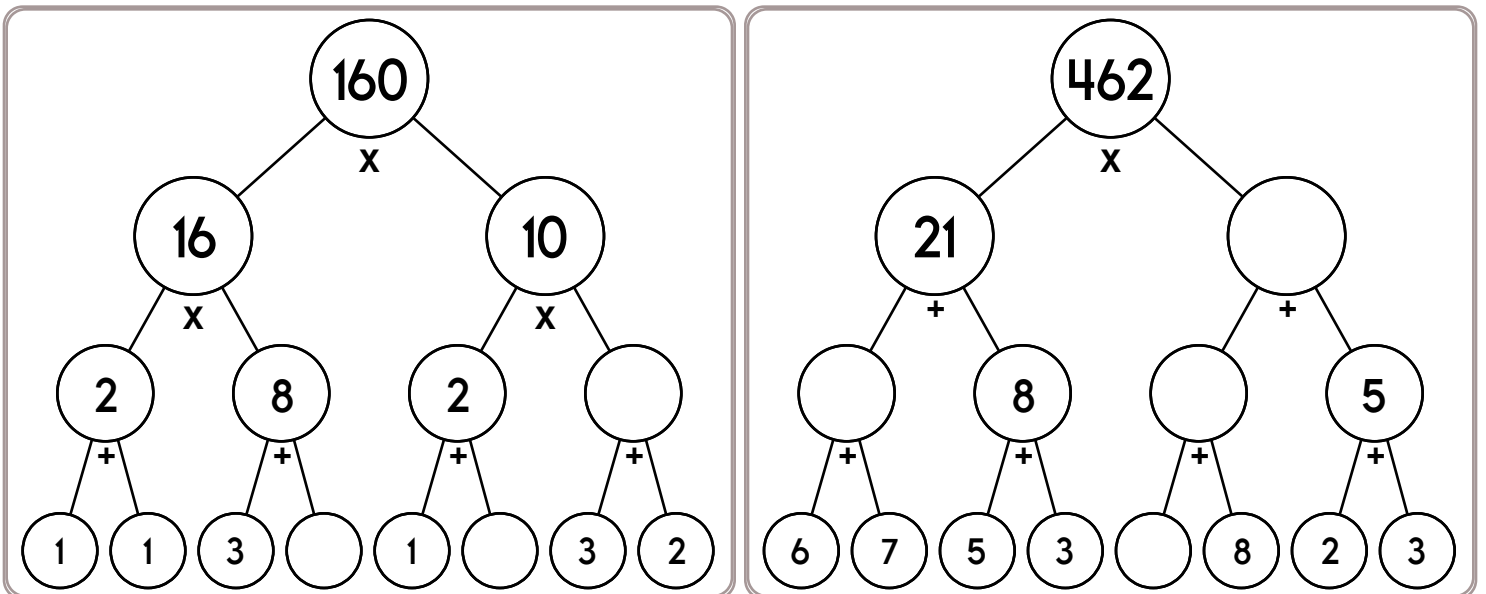
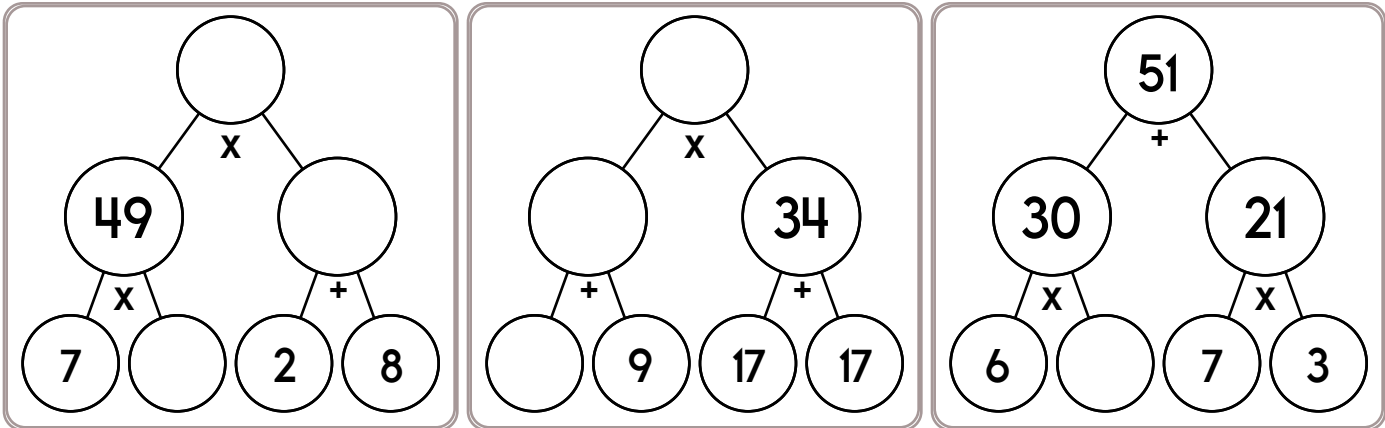
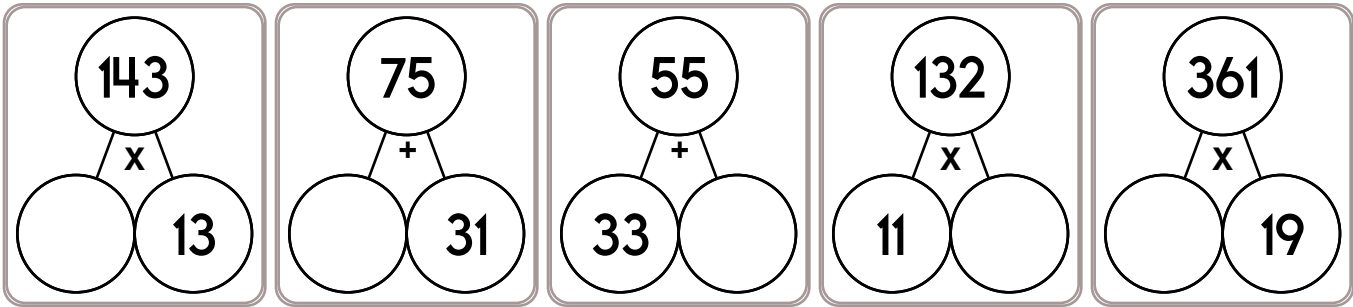
Name: _____

Jason's first jazz piano performance lasted $13\frac{1}{2}$ minutes. His second piece lasted $700/60$ minutes. Which lasted longer? How much longer? (Round off the answer to the nearest 0.01 minute.)

The deepest lake in the world is Lake Baikal in Russia. It is 5,371 feet deep - a little over a mile deep! The depth of Lake Barrine in Australia is only 4% of the depth of Lake Baikal. How deep is Lake Barrine?

Tallman's Turkeys raised 4,587 turkeys in 2004. Trenton Turkeys raised 1,886 more turkeys than Tallman's. Write an equation and solve it to find the number of turkeys that Trenton raised.

Name: _____



Change $\frac{155}{30}$ to a mixed number.

Write the decimal number for:
forty-two thousandths

$$\begin{array}{r} 34.67 \\ + 1.56 \\ \hline \end{array}$$

Name: _____

The diameter of a circle painted by Paul is 11 feet. What is the length of its radius?

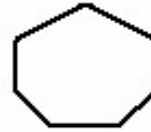
- A) 5.5 feet
- B) 4 feet
- C) 5 feet
- D) 15.5 feet

Which answer has the greatest unit size?

- A) 9 in
- B) 7 ft
- C) A and B are equal.

Estimate. $57 + 24 =$

- A) 80
- B) 20
- C) 10
- D) 40



Name the polygon.

- A) Heptagon
- B) Decagon
- C) Octagon
- D) Quadrilateral

$46.91 + -429.246 =$

- A) -356.336
- B) -382.336
- C) -312.991
- D) -341.519

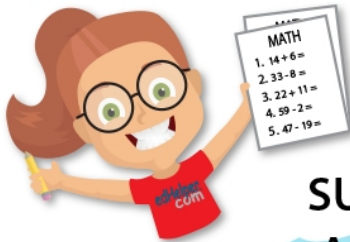
A diagram includes seven heptagons, nine circles, twelve triangles, nine squares, and ten rays. How many polygons are in the diagram?

- A) 9
- B) 21
- C) 12
- D) 28

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