Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.
Every row must contain the numbers 1, 2, 3, 4, 5, and 6.
Every column must contain the numbers 1, 2, 3, 4, 5, and 6.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

3-		1-	1-	3- 5	1
2-	1-				3-
		5	5-		
3-		5-		3	2- 4
1	3-		1-		
2-		2-		1-	5

Fill in the blanks. These equations are from the puzzle above.

____ - 3 = 1

____ - 5 = 1

____ - 3 = 3

____ - 2 = 3

6 - ____ = 3

4 - ____ = 2

____ - 1 = 2

5 - ____ = 1

Name: _____

Write the supplement of each angle.

21°

35°

11°

31°

$8 \div \frac{4}{9} =$

$$\begin{array}{r} 8.88 \\ \times\ \ 4.5 \\ \hline \end{array}$$

$38\overline{)103.36}$

What is the greatest common factor of 4, 22, and 37?

Write the reciprocal.

$\frac{11}{12}$

4 is what % of 10?

Reduce each fraction to its lowest terms.

$\frac{48}{56} =$

$\frac{7}{21} =$

$\frac{18}{42} =$

$\frac{24}{32} =$

$\frac{32}{56} =$

$\frac{42}{54} =$

$x + 36 = 43$

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 5.4s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 290.2. Do not move into a spot with a picture.

					101.2	
			290.2			
					128.2	
	4			41.8		
	9.4		31			
			193			

How much is each word worth? Add the value of each letter to find the sum.

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Value	2	15	8	1	-7	-41	26	9	49	3	4	5	-6	0	44	0	4	-27	13

Letter	T	U	V	W	X	Y	Z
Value	3	1	2	5	-22	7	38

REGULAR = (-27) + (-7) + 26 + 1 + 5 + 2 + (-27) = -27

VENTURE = _____

HOIST = _____

Name: _____

792 exceeds nine times a number by 81. What is the number?

7,000 and 9,000,000 added to a number is 9,125,539. What is the number?

Seven times a number, decreased by three, equals sixty-seven. What is the number?

The sum of thirty-eight and twenty-four is twenty-four more than a number. What is the number?

Eleven times a number is $39\frac{3}{5}$. What is the number?

If a number is decreased by 31, the result is 41. What is the number?

Name: _____

Two-thirds of a number equals 432. What is the number?

Sixty-seven more than a number is one hundred twenty-eight. What is the number?

If nine is added seventeen times to a number, the result is 222. What is the number?

Sixty-one more than 2 times a number is 89. What is the number?

Sixteen exceeds one-tenth of a number by 5. What is the number?

Four-fifths of a number equals 112. What is the number?

Name: _____

Change to a decimal.
2%

Write as a percent.

$\frac{3}{16}$

Write as a percent.

$\frac{1}{2}$

Change to a percent.
0.08

Change to a fraction.
85%

Find 92% of 89.

Change to a fraction.
9%

Change to a percent.
0.4

Change to a percent.
0.71

25 is what % of 100?

Find 3% of 92.

5 is what % of 20?

Change to a percent.

$\frac{46}{10}$

Change to a percent.

$\frac{4}{10}$

Write the ratio as a fraction in lowest terms.
49 robots to 43 computers

Name: _____

There are five objects (a purple object, a red object, a green object, a navy object, and a gray object). Each object has a different mass (46 g, 5 g, 73 g, 50 g, and 33 g) and a different volume (43 cubic cm, 26 cubic cm, 37 cubic cm, 10 cubic cm, and 44 cubic cm).
Density = Mass / Volume
Figure out the mass, volume, and density of each object.

1. The gray object has a greater mass than the purple object.
2. The volume of the green object is not 37 cubic cm.
3. The density of water is 1.0 grams per cubic cm. If the purple object was placed in water, it would float.
4. The volume of the navy object is not 43 cubic cm and it is also not 10 cubic cm.
5. The density of aluminum is 2.7 grams per cubic cm. The gray object is more dense than aluminum.
6. One object has a volume of 10 cubic cm and a density of 0.5 grams per cubic cm.
7. The red object has a mass of 33 g and a density of 0.75 grams per cubic cm.
8. The density of water is 1.0 grams per cubic cm. If the navy object was placed in water, it would sink.
9. The green object has a volume of 43 cubic cm and a density of 1.07 grams per cubic cm.
10. One object has a volume of 26 cubic cm and a density of 2.808 grams per cubic cm.
11. The navy object has a mass of 50 g and a density of 1.351 grams per cubic cm.

purple object has a mass of _____, a volume of _____, and a density of _____.

red object has a mass of _____, a volume of _____, and a density of _____.

green object has a mass of _____, a volume of _____, and a density of _____.

navy object has a mass of _____, a volume of _____, and a density of _____.

gray object has a mass of _____, a volume of _____, and a density of _____.

word root **al** can mean **related to** **annual, nominal, terminal**

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

What is the greatest common factor of the numbers 30 and 120?

$|-9| - j = 16$

$j =$

Simplify.

$\frac{7{,}000}{8{,}400} =$

Rewrite as an algebraic expression or equation.

Nine more than p tripled is eighty-one.

Find the least common denominator for the fractions $\frac{18}{25}$ and $\frac{12}{45}$.

What is the perimeter of a rectangle with a length of 56 centimeters and a width that is $\frac{1}{4}$ the length?

Simplify.

$\frac{40}{56} =$

$0.3\ (0.9\ (0.3 + 8)) =$

$24 - 21 + t = 8$
What is the value of t?

If $s = -7$ and $y = 46$ then what is the value of f?
$7s + 13y - 3y = f$

In what quadrant would you find the point (-4, 5)?

$|-11| - c = 5$

$c =$

Name: _____

Get a fidget spinner! Spin it.

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

If n = 6 and w = -35 then what is the value of h?
7n - 13w + 4w = h

10t - 26.8 = 53.2

t =

Rewrite $\frac{23}{25}$ as a decimal.

2 + (90 ÷ 9) - 33 ÷ 11 =

0.6 (0.2 (0.6 x 9)) =

10.3976×10^4 =

Rewrite as an algebraic expression or equation.

Three thousand, nine hundred three minus the product of g and 36.3.

Crazy Jacob had pizza 20 days in the month of April. Approximately what percent of the month did he have pizza?

What is the mode of the following number set?

88, 88, 85, 85, 71, 82, 83, 84, 86, 84, 80, 70, 92, 86, 90

8 + 99 ÷ 9 - 55 ÷ 11 =

9 + 11 x 9 + 11

Circle the greatest amount:
12%
0.31
$\frac{9}{25}$

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 6.3s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 463.9. Do not move into a spot with a ghost.

	363.1							432.4	463.9
				193					
			205.6			136.3		111.1	
					155.2				92.2
	312.7						10.3	4	
	287.5								73.3

Can 673 be evenly divided by 5? Circle:
673 is evenly divisible by 5
673 is NOT evenly divisible by 5

Jessica rolls two dice. What is the chance of her rolling a 2 on one die and a 1 on the other die?

_____

26 km = _____ m

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

_____

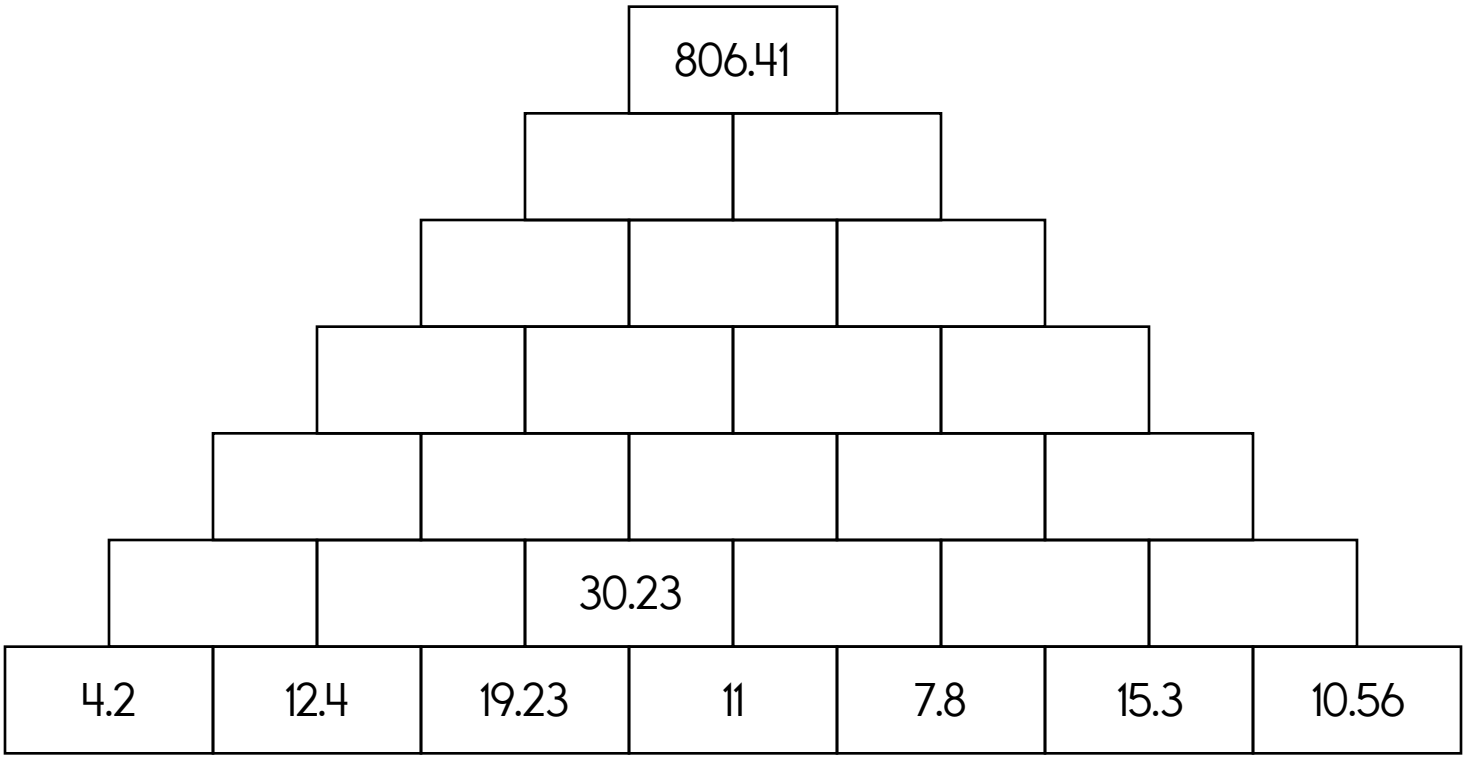
7 x 8 =

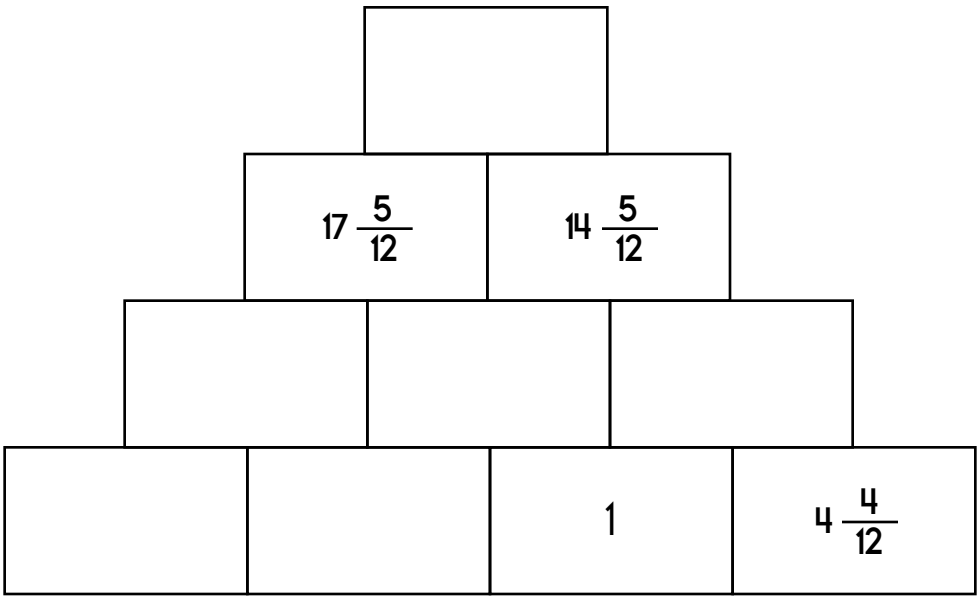
1 kg = 1,000 g

9 kg = _____ g

Name: _____

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





21 ÷ 3 = _____

How many kilograms are in 9,000 grams?

_____ kilograms

8 x 5 = _____

726 - 547 = _____

Name: _____

Can you figure out the value of the letter?

$7a + 1 = 50$

first subtract 1 from both sides

then divide each side by 7

$7a + 1 - 1 = 50 - 1$

$7a = 49$

$7a \div 7 = 49 \div 7$

$a = 7$

Double check: $(7 \times 7) + 1 = 50$

$5g + 8 = 13$

g = ___

Double check: (5 x ___) + 8 = 13

$4h - 20 = 12$

h = ___

Double check: (4 x ___) - 20 = 12

$6b + 2 = 38$

b = ___

Double check: (6 x ___) + 2 = 38

$8k - 1 = 23$

k = ___

Double check: (8 x ___) - 1 = 23

$4d + 8 = 28$

d = ___

Double check: (4 x ___) + 8 = 28

Name: _____

$8\overline{)410}$

Divide and write remainder.

$$\begin{array}{r} 2{,}559 \\ 3{,}005 \\ +\ 1{,}474 \\ \hline \end{array}$$

$$\begin{array}{r} 816{,}215 \\ 476{,}587 \\ 147{,}685 \\ +\ 418{,}783 \\ \hline \end{array}$$

Write the reciprocal.
13

$19 - \frac{7}{9} - \frac{7}{11} =$

$92 - \frac{2}{3} =$

Find 40% of 310.

Change 16% to a decimal and a fraction expressed in its lowest terms.

Change to percents.

$\frac{60}{100} =$

$\frac{98}{100} =$

$\frac{59}{100} =$

$\frac{41}{100} =$

$\frac{9}{10} =$

$\frac{3}{10} =$

Change 19% to a decimal.

Change $\frac{1}{10}$ to a percent.

Change 0.15 to a percent.

Name: _____

One kilogram is equal to about 2.2 pounds. If a mail truck can carry 425 pounds of mail, how many kilograms is that? Round your answer to the nearest whole number.

Jason spent $2.92 on a birthday card, $3.73 on some chocolate and $16.62 on a present. How much did he spend in all?

There were seven weddings in the garden last month. The weddings lasted 298 minutes in all. Write an equation and solve it to find the average length of each wedding. Round off the answer to the nearest whole minute.

The prices of three books about making a life plan are $20.76, $19.69, and $11.70. What is the average price of the books?

Eric had 17 boxes. He also had 100 bar magnets he needed to ship to Littleville. He could fit 10 bar magnets in a box. He expected to ship another 105 bar magnets next week. Does he have enough boxes? If not, how many more does he need?

Alex had six nickels, three dimes, and eight quarters when he left for school. He bought a candy bar for 51¢ on the way. How much money did he have when he arrived at school?

Name: _____

Mr. and Mrs. Brown donated $22.75 to the Red Cross every month last year. What was the total of their donations for the year?

Hannah found the sum of the first 6 prime numbers and obtained a result of 29. What mistake did she most likely make?

Nathan needed to trim his dog's nails. The nails were each about 1.5 cm long. He did not want to cut them back too far, so he decided to cautiously remove about 4 mm from each nail. How many cm long were the nails after he was done trimming?

Consider the following problem: x/2 + 22 = 8. What two equality properties are used to solve the equation for x? What is x equal to in this case?

Farmer Ochoa produced $1\frac{1}{3}$ times as much corn this season as he did last season. What was this season's production compared to last season's, expressed as a percent?

Hunter is a volunteer at a kitchen that serves meals to people that need help. He uses $1\frac{1}{2}$ pounds of meat to make enough spaghetti sauce to serve 10 people. How many people could be served if he used 35 pounds of meat?

12 + 8 - 1

9 - 2 + 11

7 + 9 x 7 + 4

Name: _____

Matthew has a total of one hundred forty-nine pennies, nickels, and dimes. He has two and a half times as many nickels as dimes and one-third as many pennies as dimes. How much money does he have?

If Eric had five fewer quarters, he would have four times as many quarters as pennies. The total value of the coins is $14.38. How many of each coin does he have?

Emma has twenty-four fewer pennies than nickels. Emma has a total of $1.68. How many of each coin does she have?

If Destiny had five more quarters and twenty-one fewer nickels, she would have the same number of quarters, nickels, and pennies. Destiny has a total of seventy coins. How many of each coin does she have?

Name: _____

Grace has a total of one hundred ninety-two coins. She has three times as many pennies as dimes and one-half as many dimes as nickels. How much money does she have?

Jose's nickels total $4.18 more than his pennies, of which he has one-fourth as many as he has quarters, which total $22.55 more than his nickels. How many of each coin does he have?

Alexander's pennies and nickels total $1.52. His nickels and quarters total $9.35. How many of each coin does he have?

Taylor has three times as many pennies as dimes and five times as many nickels as dimes. Taylor has a total of one hundred eight pennies, nickels, and dimes. The total value of the coins is $4.56. How many of each coin does she have?

Name: _____

The image of the fiber in the photograph had been enlarged by the investigators to 10 times its original size. If the actual fiber was 0.05 mm wide, what was the width of the enlarged fiber image?

At the Bigtown Zoo 42 out of 68 animals are mammals. Write this relationship as a fraction in lowest terms.

At Middleton High, 35% of the students are interested in animatronics. What fraction of the student body is that?

What error did Mr. Bloop make when he subtracted 44.89 from 88.5 and got a difference of 43.79?

Ms. Floop had purchased three dozen eggs at the beginning of the week; now $\frac{1}{3}$ of them were already gone, and it was only Wednesday. How many eggs were left? You may need to round your answer.

The massive engine climbed 64 hills last month. The not-so-massive engine climbed .69 times as many hills. How many hills did the not-so-massive engine climb?

$y = x + 12$
$y = 18$
What is the value of x?

$\frac{16}{32} \div \frac{1}{8} =$

If $j = 7$ and $n = -50$ then what is the value of z?
$10j + 8n - 2n = z$

Name: _____

On holidays at the Centerville Steak House, every 4th customer is given a free dessert, and every 15th customer is given a 20% discount off his or her total bill. How many customers will get both the free dessert and the discount in a day if there are 250 customers that day?

A group of 20 eggs was collected from Farmer Jane's hen-house. The eggs ranged in size from 1.6 inches long to 2.02 inches long. If 11 of the eggs were chosen at random and put end to end in a row, how long do you think the row would be? Round your answer to the nearest hundredth if needed.

Connor set four sticks in a square arrangement. The sticks were 12.7 inches long. What was the area enclosed by the sticks?

Mrs. Lee likes licorice tea. She can buy one box of licorice tea for $4.22. She can buy two boxes of tea for $8. How much will she save if she buys two boxes at the same time?

Anna is going to the beach next week. She went to the store to buy some snacks for the trip. Bags of the snacks she likes were on sale at 2 for $4.39. She bought 4 bags. How much did she pay?

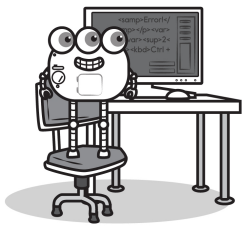
$|-6| - g = 1$

$g =$

$0.5\ (0.7\ (0.5 + 4)) =$

Simplify.

$\frac{52}{156} =$



Name: _____

Robot was given a math problem to solve.

It has been estimated that there are 15,306 hits in Little League each season. Round off this number to the nearest thousand.

Robot wrote this program in Python to solve it.

```
# Given number of hits
hits_in_little_league = 15306

# Rounding off to the nearest thousand
rounded_hits = round(hits_in_little_league / 1000) * 1000

print(rounded_hits)
```

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

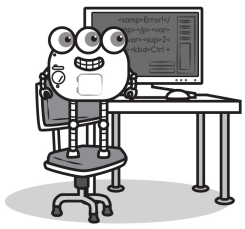
Hints and a Question

The round(number) function in Python is used to round a number to the nearest integer.
print(round(42.7)) would print 43

To multiply in Python * is used.

To divide in Python / is used.

After Robot's program is done, the variable hits_in_little_league will have a value in it. What value does it have?



Name: _____

Robot was given a math problem to solve.

Jacob likes bad poems! He copies bad poems and puts them in a box to read again and again. The box is 2 ft long and 1.4 ft wide. What is the perimeter of the box?

Robot wrote this program in Python to solve it.

```
# Giving variable names to each number
length_of_box = 2 # in feet
width_of_box = 1.4 # in feet

# Calculate the perimeter of the box
perimeter_of_box = 2 * (length_of_box + width_of_box)

# Print out the result
print("The perimeter of the box is", perimeter_of_box, "feet.")
```

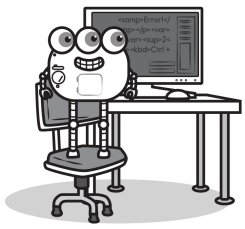
Robot's program will print the answer to the math problem.
What will the program print out? Fill in the blanks.

The perimeter of the box is ____ . ____ feet.

Hints and a Question

To multiply in Python * is used.

After Robot's program is done, the variable width_of_box will have a value in it.
What value does it have?



Name: _____

Robot wrote this program to solve a math problem.

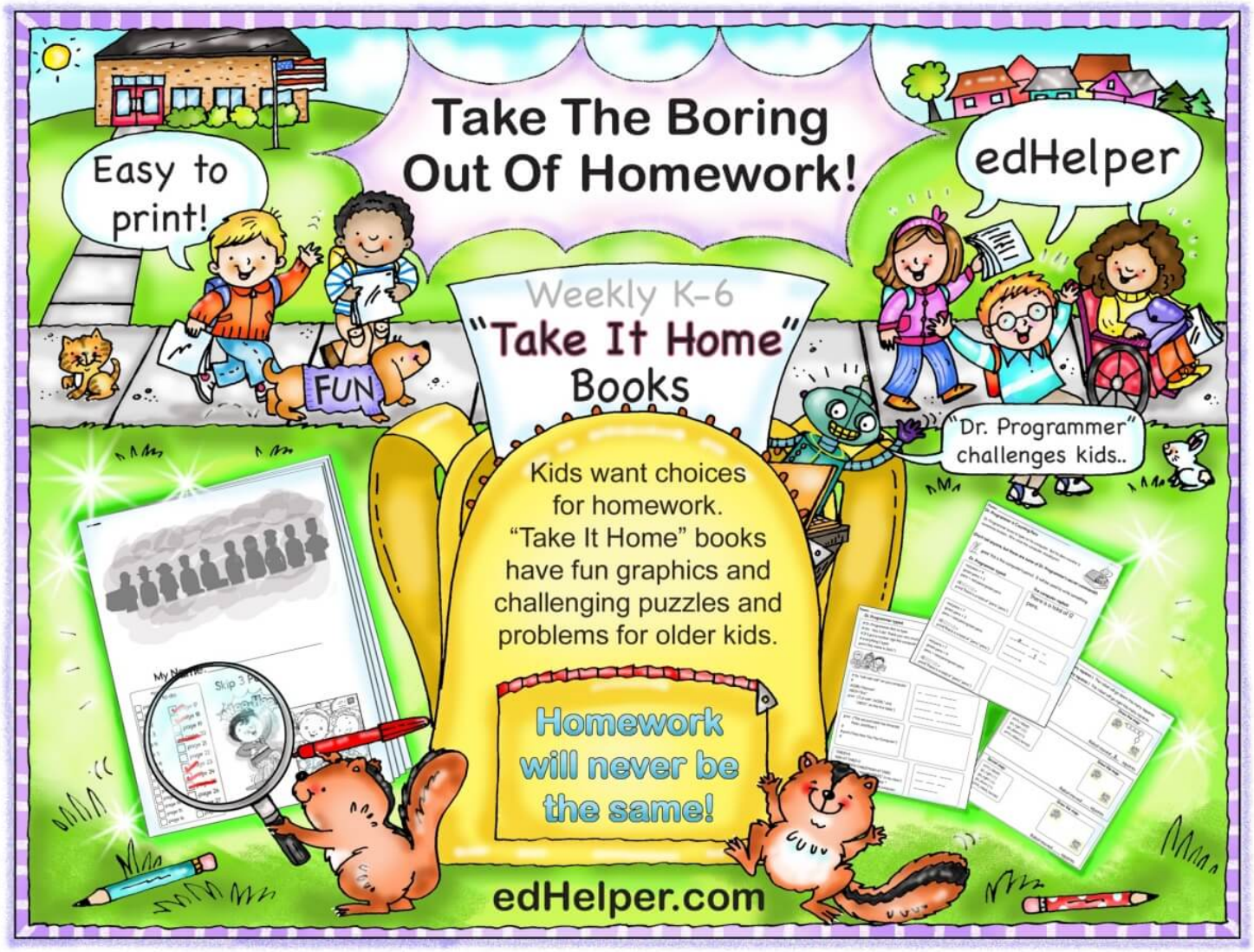
```
# define the length and width of the garden
length = 25
width = 17

# calculate the area of the garden
area = length * width

# print the area of the garden
print("The area of the garden is", area, "square feet.")
```

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

The area of the garden is ____ ____ ____ square feet.

Wait! Robot forgot to write down the math problem.
Can you write your own word problem to explain Robot's computer code?


Where can I get more of this great stuff?
More math!
More spelleng spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
A E I O U Y
edHelper.com!
New online math games!
More things for the classroom!
1 2 3
More science!
More puzzles!
New ideas!


Take The Boring Out Of Homework!
Easy to print!
edHelper
Weekly K-6
"Take It Home" Books
FUN
"Dr. Programmer" challenges kids..
Kids want choices for homework. "Take It Home" books have fun graphics and challenging puzzles and problems for older kids.
Homework will never be the same!
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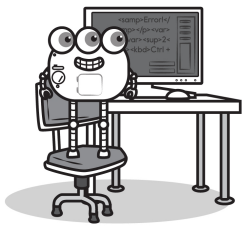


Name: _____

Robot wrote this program to solve a math problem.

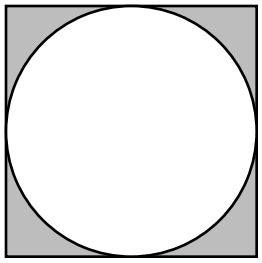
```
# Assigning values to the variables
amy_books = 29
april_books = 15

# Subtraction to find the difference
difference = amy_books - april_books

print(f"Amy has {difference} more art books than April.")
```

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

Amy has ____ ____ more art books than April.

Wait! Robot forgot to write down the math problem.
Can you write your own word problem to explain Robot's computer code?

Name: _____



The radius of this circle is equal to the radius of this square. If the diameter of this square is 17 centimeters, what is the area of this circle?

Jessica is writing a computer program. In her program she made a pattern where she repeatedly is assigning numbers to colors.

The pattern is:
orange, orange, yellow, purple, orange.

Her program starts assigning numbers to colors like this:
6 = orange, 7 = orange, 8 = yellow,
9 = purple, 10 = orange, 11 = orange,
12 = orange, 13 = yellow, 14 = purple,
15 = orange, 16 = orange, 17 = orange,
18 = yellow, 19 = purple, 20 = orange

The program keeps running through the numbers.
When it gets to 33, it prints 33 = yellow,

followed by 34 = _____.

Four players in a basketball game scored points. The players averaged 11 points each. Here are their scores.

14, _____, 12, _____

Can you fill in the blanks with any possible numbers that would work?

Pam wants to ride her bike to Anna's house. Anna lives 9 miles from Pam's house. Pam leaves her house at 2 p.m. and arrives at Anna's house in a little bit. She checked her bike app, which says she averaged a speed of 12.6 miles per hour. What time did she arrive at her friend's house?

Name: _____

Emma is giving away money to everyone at her birthday party. For each consonant in a name, she gives out $1.40. For each vowel she gives $6. Erin and Anne are leaving the party. How much should each of them get?

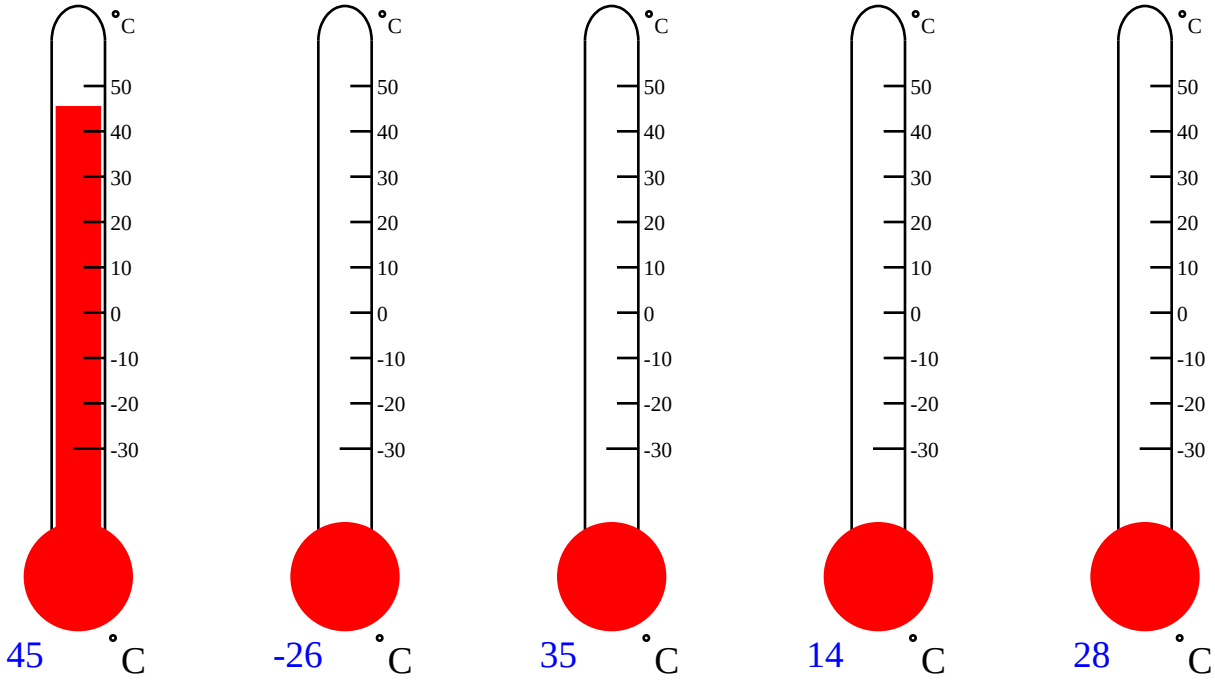
Four girls ran a mile. The winner finished in eight minutes and eleven seconds. Jenna did not win, but she finished 48 seconds before Hannah and 82 seconds before Amanda. If Amanda had been 56 seconds faster, she would have won the race by 1 second. List each of the racers and their times to run the mile.

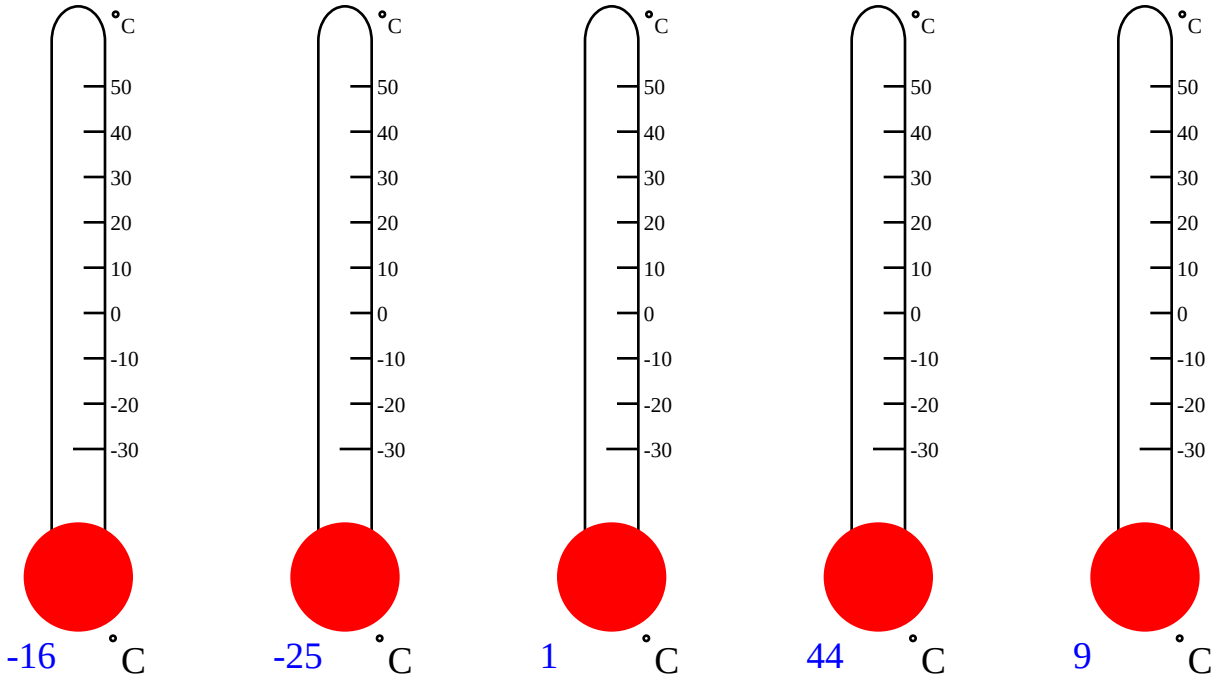
Sara painted her room. It took her 14.3 hours to finish. Would you believe that she doesn't like the color? She wants to change it, but she doesn't want to work 14.3 hours by herself. She got two of her friends to help. Let's assume all three of them work at the same speed. If you had to guess, how long do you think it would take them to paint the room together? Explain your reasoning.

Megan is picking out squishies at her favorite store. They cost $10.78 for the larger ones. The smaller squishies are half the cost of the larger ones. She spent $70.06. How many large and how many small squishies did she buy?

Name: _____

Color in the thermometer.





Name: _____

Jason lives thirty miles from work. This morning, he left for work at 8:46 a.m. There was construction for the first nineteen miles, so Jason only drove at an average speed of sixteen mph around the construction area. If Jason needs to be at work by 10:11 a.m., what should be his average speed for the rest of the way to work?

Caleb left a location at 8 a.m. The channel three news sent a helicopter from the same location nine hours later to catch up with Caleb. The helicopter's average rate of speed is one hundred forty mph. If the helicopter caught up with Caleb at 5:01 p.m., what was Caleb's average speed?

The sum of the digits of a four-digit number is 11. The thousands digit is eight more than the tens digit. The hundreds digit is one more than the tens digit. The ones digit is two more than the tens digit. What is the number?

A mixture of 16% vegetable broth and 84% water is to be used in making a soup. How much water should be added to 4 liters of vegetable broth to make the mixture?

Twenty-five years ago, Kevin was three less than one-third as old as Joseph was. Today, Joseph is six less than two times the age of Kevin. How old is Joseph?

Jasmine works three times as fast as Lauren. If it takes them $3\frac{3}{4}$ hours to finish the job together, how long will it take Jasmine to finish the job alone?

Name: _____

If Samantha were forty-two less than seven times her present age, she would be five times as old as she was four years ago. How old is she?

The measure of an angle is fifty-eight degrees more than its complement. What are the measures of the two angles?

Ashley has a total of thirty-seven nickels and dimes. If Ashley had eleven more nickels, the total value of the coins would be $3.45. How much money does she have?

The ratio of adult tickets to student tickets for the school play was four to seven. If the sum of the adult tickets and one half of the students tickets is 300, how many student tickets were sold?

Four-sixths of a number equals 64. What is the number?

Brian has a total of two hundred fifty-two coins. He has four times as many pennies as nickels and one-half as many nickels as quarters. How much money does he have?

Name: _____

You have five pennies, ten nickels and two dimes in a piggy bank. If you turn the bank upside down and shake it until a coin comes out of the slot, what is the probability that you will get out two pennies in a row?

If two-fifths of all type-Y organisms are bristly, and seven-eighths of all type-Y organisms are wrinkly, what is the maximum number of type-Y organisms that are neither bristly nor wrinkly out of a sample population of 1,517?

Four friends, who happen to be good golfers, played a round of golf (18 holes). Par for the course is 78. The players had the following scores (relative to par): -1, -4, +3, and +1. What was the winning score? Remember that the lowest score wins.

A motorized machine requires an input work of 3,300 joules to perform an output work of 2,500 joules. What is the efficiency of the machine? Round your answer to the nearest integer percent.

Name: _____

If a cube with a 5 in side length is sliced in half what is the surface area of the two pieces?

A window takes up thirty-eight percent of the area of a 28 inch by 67 inch door. What is the area of the window?

Mary's boss told her that if her department's income decreases more than twelve percent from last year's income she will not receive a bonus. Mary's department made $167,163 for the company last year. At the end of this year, the company accountant told Mary that her department's income was $152,118. Will Mary receive a bonus this year?

Anna is testing the way the shapes of clay objects change as they are exposed to temperature changes. She has two identical clay spheres. She puts sphere A in oven A at a temperature of 27°C and sphere B in oven B at 29°C. She increases the temperature on oven A at a rate of 3.1°C per minute for ten minutes. She increases the temperature in oven B at a rate of 2.8°C for fifteen minutes. Which clay sphere (A or B) was exposed to the highest temperature at the end of the experiment?

Name: _____

Analysis by the marketing department of the local minor league baseball team showed that for every fan who bought a hotdog at the ball park, about half that many people bought a bag of popcorn. So far this year, 29,801 people have been to the ballpark, and $\frac{3}{4}$ of them bought hotdogs. Based on this information, about how many fans bought popcorn?

The local store is having a sale. All floopers are 20% off. If a flooper normally costs $11.38 plus 8% sales tax, how much will it cost to buy a Flooper during the sale?

Ms. Floop bowled three games today. She scored 195 the first game and 208 the second game. What is the minimum number of points she needs to obtain a total score of 560?

The skirmish was over. Eight people were killed and thirty were injured. There were three hundred twenty-two people involved in the skirmish. What percent of the total people involved, to the nearest whole percent, were either killed or injured?

Name: _____

Jessica ran the 100 meters in 14.78 seconds. Her archrival Hannah ran it in $\frac{1}{5}$ of a second less. What was Hannah's time?

Adam and Peter go to the mall parking lot on weekends to see if they can find any loose change. People tend to lose small amounts of money in the parking lot. Over the past year they have kept track of how much money they have found. They found fourteen quarters, two fifty-cent pieces, thirty-three dimes, thirty-four nickels, and one hundred eighty-five pennies. What is the probability that the next coin they find will be worth more than ten cents? State your answer as a percent to the nearest percent.

Which sum is farther from zero, the sum of 106 and 149, or the sum of -86 and -137?

In a creek bed, $\frac{1}{6}$ of the gravel is less than 5 mm in diameter and $\frac{1}{2}$ of it is between 5 and 10 mm in diameter. What fraction of the gravel is greater than one centimeter in diameter?

Name: _____

You are playing the "shell" game. In this game, there is an object (let's say a coin) hidden under one of five cups, and you have to try and guess which cup it is under. Assuming the game is fair and there are five cups, what is the probability you will guess correctly on the first try?

You are playing a game in which each player wins, loses, or draws (ties) at each turn. For each turn won, you are awarded 5 points. If you lose the turn, you lose 5 points. If it is a draw, you get 0 points. For the first dozen rounds, you had the following results: win, win, draw, win, lose, lose, win, lose, draw, lose, lose, lose. What was your point total for the rounds?

Erin has measured some yeast cells she isolated from the surface of grapes. The cells she measured were 23, 15, 13, and 22 micrometers in length. What was their average length in meters? Express your answer using scientific notation.

If a solution of MgCl is $\frac{5}{8}$ M, what will its concentration be if it is diluted by 13%?

Express your answer as a fraction.

Name: _____

Let's say you have a molecule that is made entirely out of four different kinds of subunits called As, Ts, Cs, and Gs. In this molecule, the number of Cs equals the number of Gs and the number of Ts equals the number of As. If one of these molecules is analyzed and found to consist of 44% As, then what percent of the molecule is made up of Gs?

You have the set of numbers {-1, -7, -9, -4, 8, 9, -7, 7, 5, 4}. What is the ratio of positive numbers to negative numbers?

A core sample from the town square was drilled and collected by Z-Globe. Analysis revealed alternating layers of clay and volcanic shale. Each layer of shale was only about $\frac{1}{7}$ as thick as a layer of clay. If the total sample was 84 feet in thickness, what was the approximate clay to shale thickness ratio?

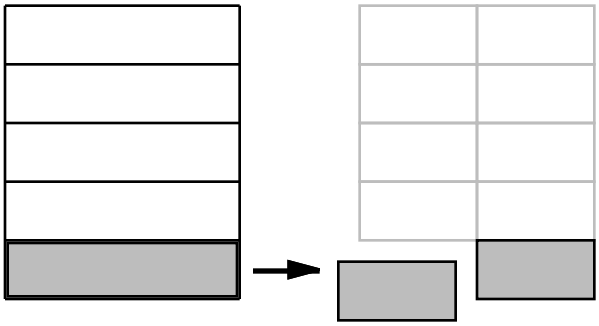
There are five black marbles and eight white marbles in a bag. What is the probability of pulling out a black marble on the first try?

Name: _____

$\frac{1}{2}$ of $\frac{1}{5}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.



$\frac{1}{2}$ of $\frac{2}{7}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

$\frac{1}{4}$ of $\frac{3}{4}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

$\frac{4}{6}$ of $\frac{3}{5}$ = $\frac{\square}{\square}$ x $\frac{\square}{\square}$

= $\frac{\square}{\square}$

Draw it.

Name: _____

Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!

		A 1	B 1	C 1	D 1	E 3	F 5	G 9	H 10	I 10	J 10	K 7	L 6	M 4	N 1	O 1
P	4															
Q	8															
R	9															
S	15															
T	9															
U	7															
V	6															
W	5															
X	4															
Y	3															

CLUE A: Color in 1 box.
CLUE B: Color in 1 box.
CLUE C: Color in 1 box.
CLUE D: Color in 1 box.
CLUE E: Color in 3 consecutive boxes.
CLUE F: Color in 5 consecutive boxes.
CLUE G: Color in 9 consecutive boxes.
CLUE H: Color in all the boxes in this column.
CLUE I: Color in all the boxes in this column.
CLUE J: Color in all the boxes in this column.
CLUE K: Color in 7 consecutive boxes.
CLUE L: Color in 6 consecutive boxes.
CLUE M: Color in 4 consecutive boxes.
CLUE N: Color in 1 box.
CLUE O: Color in 1 box.

CLUE P: Color in 4 consecutive boxes.
CLUE Q: Color in 8 consecutive boxes.
CLUE R: Color in 9 consecutive boxes.
CLUE S: Color in 15 consecutive boxes.
CLUE T: Color in 9 consecutive boxes.
CLUE U: Color in 7 consecutive boxes.
CLUE V: Color in 6 consecutive boxes.
CLUE W: Color in 5 consecutive boxes.
CLUE X: Color in 4 consecutive boxes.
CLUE Y: Color in 3 consecutive boxes.

Don't forget to double check when you are done!

Name: _____

Ava lives at the point (2, -18). She wants to go to the closest mall. There are two malls on the map. Mall AA is at (9, -17), and Mall BB is at (9, -18). On the map she can only travel vertically or horizontally, one unit at a time. She cannot go diagonally. So she could go from (1,3) to (1,4) or (1,3) to (2,3), but not from (1,3) to (2,4). Which mall is closer to her?

Show the steps to solve 7(37 + 8 - 13) x 12 - 76 x 11 ÷ 4.

Step 1. Parentheses

Step 2. Exponents

Step 3. Multiplication & Division (or Division & Multiplication!)

Step 4. Addition & Subtraction (or Subtraction & Division!)

Name: _____

Fill in the missing numbers.

20 - (-6) = _____
16 - (_____) = 23
_____ + (-4) = 20
-25 - (-9) = _____
_____ - (-3) = -16
-17 + (_____) = -22

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

10	37	18	30	6	28
39	20	26	10	28	15

Name: _____

At Jenna's Books, they are having a big sale. All of the blue books are $2.79 each. Jenna is the owner and will make 37 cents from each sale. She is hoping to earn $19.61 during the sale. How many books will she need to sell?

Nathan has an equal number of quarters and dimes in his coin collection. They total $4.55. How many quarters does he have?

Megan figured out that 15% of 40% of 230 is equal to 13.8. "Whew!" she thought. "Just a simple multiplication equation once those percents are changed to decimals."
Make a multiplication equation to show that her answer is correct.

Jessica has a robotic fly that with one charge can fly for 5 minutes and 40 seconds. It has to flap its wings 225 times per minute to stay in the air. How many times will it flap its wings during one flight after a full charge?

Name: _____

Use >, <, or = to complete.

-6.30 __ 6.3

-8.5 __ -8.7

6.78 __ -6.7

-(-20) - (12) =

27 - (-11) =

30 - (-12) =

(10.8) - (4.7) - (-2.4) =

Write these numbers in order from least to greatest:

0, $\frac{3}{4}$, 5, $4\frac{3}{6}$, -2

(9) (-5) =

(-6) (-7) =

(-4) (7) =

Use >, <, or = to complete.

-3.8 __ -3.80

3 __ -1

-8.4 __ -8.8

(-11.2) (-6.9) =

(9.7) (-9.1) =

(-9.9) - (4.2) - (3.3) =

(-7) (-6) =

(-6) (10) =

(4) (-12) =

Simplify.

-(3) _____

-($\frac{-1}{4}$) _____

-(-2) _____

Simplify.

-| 4 | _____

| -8 | _____

| $\frac{4}{7}$ | _____

Use >, <, or = to complete.

-3.3 __ 3.34

-8 __ -6

1.7 __ -1.4

Name: _____

(-7.2) (7.3) =

(-7.5) (-7.6) =

Use >, <, or = to complete.

-2 __ -9

-9.6 __ -9.60

5.8 __ -5.2

-16 - (5) =

19 - (-8) =

-(26) - (-5) =

(7) (-8) =

(-9) (-11) =

(-10) (-11) =

(12.9) - (1.8) - (-3.7) =

Use >, <, or = to complete.

-7 __ 6

4.30 __ -4.3

-9.86 __ -9.8

Write the reciprocal of each number.

-4 _____

5 _____

$\frac{6}{9}$ _____

Write these numbers in order from least to greatest:

9, $\frac{1}{5}$, -8, $\frac{-1}{3}$, 0

(-5.1) (-8.1) =

(4.2) (-10.1) =

Use >, <, or = to complete.

-3.40 __ -3.4

6.2 __ -6.28

-2 __ -5

-25 - (9) =

-(30) - (-12) =

22 - (-7) =

(-8.3) (7.1) =

(8.5) (-10.7) =

Name: _____

Fifteen less than two-fourths of a number equals 1. What is the number?

A number minus 28 is forty-one. What is the number?

The sum of twenty-eight and thirty-five is fifty-seven more than a number. What is the number?

Thirty-one more than a number is seventy-one. What is the number?

Four-fifths of a number equals 96. What is the number?

If eleven is added nineteen times to a number, the result is 225. What is the number?

Name: _____

Four times a number, increased by twenty, equals sixty-eight. What is the number?

Seven times a number is $31\frac{1}{2}$. What is the number?

If a number is increased by 6, the result is 34. What is the number?

Forty-three more than 12 times a number is 115. What is the number?

422 exceeds nine times a number by 62. What is the number?

Twenty-two exceeds one-eighth of a number by 13. What is the number?

Name: _____

Change $\frac{78}{42}$ to a mixed number.

$\frac{7}{8} \times \frac{3}{4} =$

An angle measures 53°. What would you call this angle?

$4\frac{2}{3} \times 1\frac{9}{12} =$

$$\begin{array}{r} 3.1 \\ \times \quad 8 \\ \hline \end{array}$$

Change to a percent.

$\frac{40}{10}$

Write the decimal number for:

thirty and ninety-three thousand, six hundred thirty-one

Change to a percent.
0.06

Convert to a fraction or mixed number and simplify.

0.0018 =

0.0002 =

88.76636 =

0.03713 =

8.4741 =

46.0006 =

Name: _____

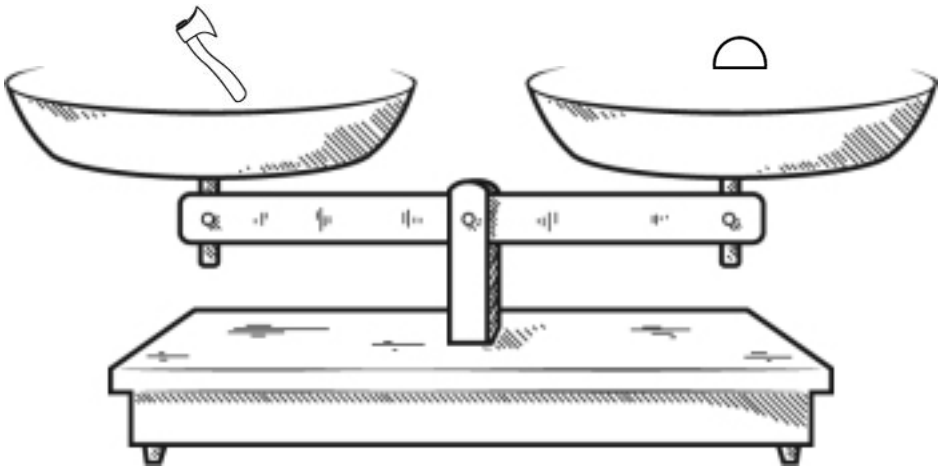
Jenna and three of her friends do yard work on the weekends. This weekend, they made $63.12 together. If they want to try to split the money evenly using only dollar bills and quarters, how much will each get? Is there any remainder?

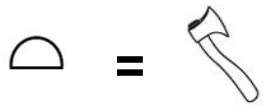
Eight multiplied by ten raised to what power equals eighty million?

Maria is determined to keep playing a game till she finishes all 72 levels. It took her 15 minutes to complete the first 12 levels. At this rate, how much time do you think it will take her to finish all the levels?

Amanda is exhausted. She just rode her bike on a bike trail for 4 hours. Her phone says she traveled a total of 32 kilometers. How much time did it take her to ride one kilometer, on average?

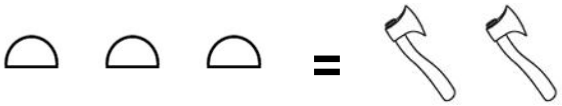
Name: _____



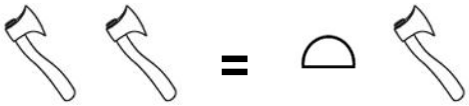


☐ True ☐ False

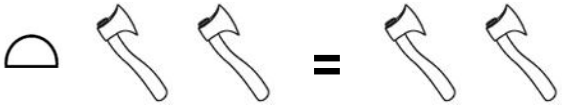
☐ True ☐ False



☐ True ☐ False



☐ True ☐ False



☐ True ☐ False

☐ True ☐ False

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

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

Rewrite in scientific notation.

86,030,000

36 ÷ 9 + 11

9 + 4 x 6 + 8

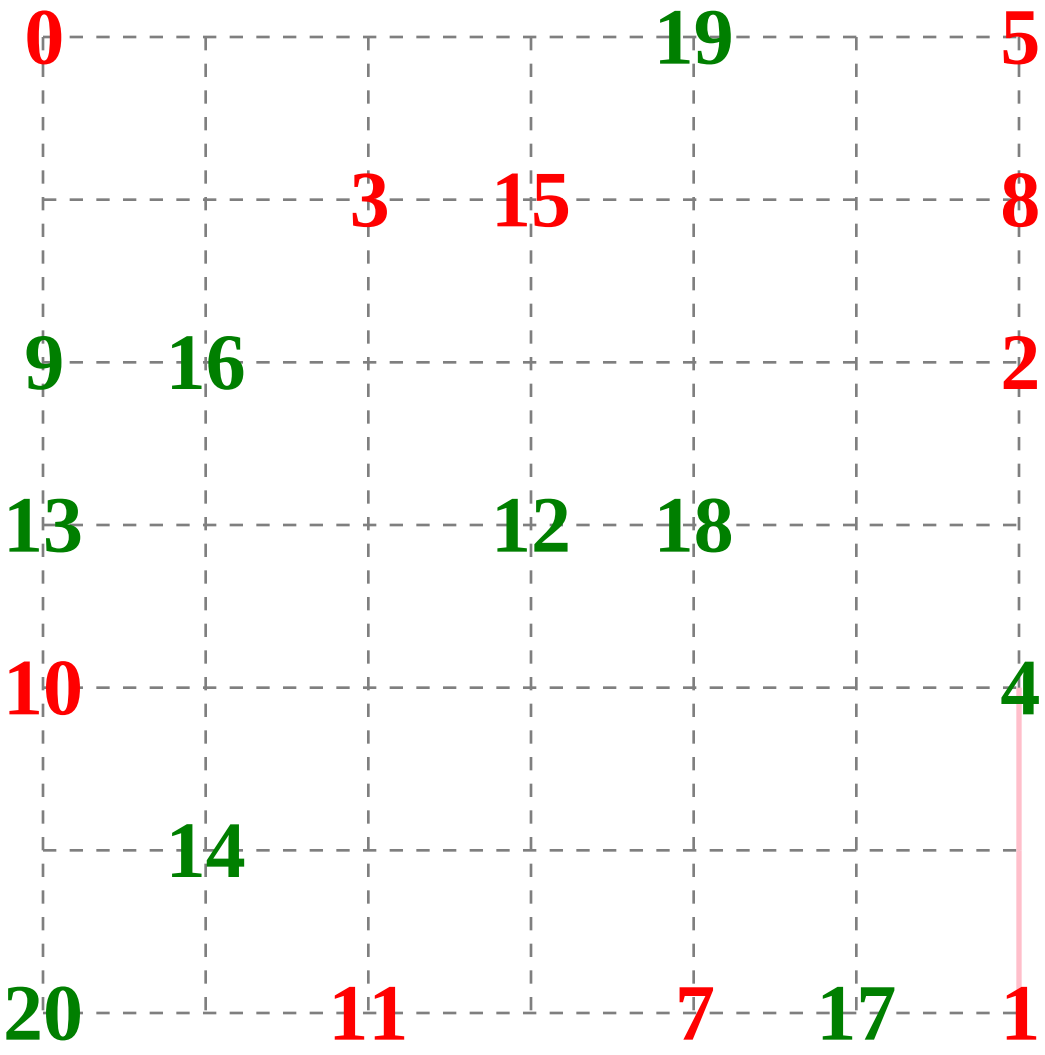
Name _____ Date _____

Greater and Less Than Number Kissing

Start at a green number and draw a line to any red number that is less than the green number.

Draw a line that connects one number to one other number to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a number, that number cannot be used again.

One complete line has already been drawn for you.



Name: _____

edHelper

Can you guess the word?

No duplicate letters can be used.

C	R	I	E	D

The letter C is in the word and is in the correct spot.

E	Q	U	I	P

The letter Q is in the word, but Q is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

B	U	N	C	H
T	H	R	O	W
S	H	E	A	R

D F G I J K L M P Q V X Y Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

V J E S W H S H S R T L F Z Q H S S G
R A L T A O L R U W L H W J R R H Z T
H P H Y A Y P R H D S A D A L L E R H
A H S H A R E H A B E E H O R O A J R
E H R D I A R T A R H E T A H H R R O
S R K H S S H A W I A C R R A K R Y W

Hint: There are no duplicate letters in the answer.

S	C	O	W	L
E	V	I	C	T
B	R	I	C	K

A D F G H J M N P Q U X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

I E O V E I I Q Q V I L Q I O N
E C V I X I C K U S C V R O O W
W X I I I C V H O I C C E V J C
C C C W C E U E K I C O O C E Q
G B Y V C T C C O R C K W V C Z
I C V G Z W C W K I F K Q L M L

Hint: There are no duplicate letters in the answer.

S	N	A	I	L
B	A	T	H	E

C D F G J K M O P Q R U V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Name: _____

Sudoku Sums of 17

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 17.

Here is an example of a sudoku sum of 17:

10	7

		8					5	
6		3	7				8	
	1			6				7
8			6		7	1		
2		1	4	5				
7		5		2	9			4
5				4		7		8
	8				1	5		9

$3n = 30$

$\frac{N}{5} = 3$

$\frac{N}{29} = 47$

Name: _____

Each row, column, and box must have the numbers 1 through 9.

5					8			
				1	3			5
7	6				2			
				5		1	2	
					1	7		
1	8				6	3	5	4
4		1			7		6	
						5		
2	3	7	6		5		1	

$\frac{1}{3} \times \frac{1}{2} =$

$$\begin{array}{r} 4 \\ -\ 2\frac{3}{8} \\ \hline \end{array}$$

Write all the factors for the number 50.

word root **juven** can mean **young** **juvenile, rejuvenate**

Name: _____

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: $9\frac{1}{3}$, $\frac{3}{5}$, or $3\frac{4}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: $1\frac{2}{3}$, $5\frac{2}{3}$, $6\frac{1}{3}$, or $2\frac{2}{3}$.

	$3\frac{4}{5}$		$3\frac{4}{5}$		$\frac{3}{5}$		$3\frac{4}{5}$	
$6\frac{1}{3}$	$17\frac{7}{15}$	$5\frac{2}{3}$	$13\frac{4}{5}$	$2\frac{2}{3}$	$10\frac{3}{5}$	$5\frac{2}{3}$	$17\frac{7}{15}$	$6\frac{1}{3}$
	$1\frac{2}{3}$		$1\frac{2}{3}$		$1\frac{2}{3}$		$1\frac{2}{3}$	
$2\frac{2}{3}$	20	$9\frac{1}{3}$	20	$6\frac{1}{3}$	$14\frac{7}{15}$	$3\frac{4}{5}$	$13\frac{4}{5}$	$2\frac{2}{3}$
	$6\frac{1}{3}$		$2\frac{2}{3}$		$2\frac{2}{3}$		$5\frac{2}{3}$	
$5\frac{2}{3}$	$14\frac{4}{15}$	$\frac{3}{5}$	$11\frac{4}{15}$	$6\frac{1}{3}$	$11\frac{4}{15}$	$1\frac{2}{3}$		$3\frac{4}{5}$
	$1\frac{2}{3}$		$1\frac{2}{3}$		$\frac{3}{5}$		$6\frac{1}{3}$	
$6\frac{1}{3}$	20	$9\frac{1}{3}$	23	$6\frac{1}{3}$	$11\frac{4}{15}$	$2\frac{2}{3}$	$14\frac{7}{15}$	$3\frac{4}{5}$
	$2\frac{2}{3}$		$5\frac{2}{3}$		$1\frac{2}{3}$		$1\frac{2}{3}$	
$3\frac{4}{5}$	$14\frac{7}{15}$	$1\frac{2}{3}$	23	$6\frac{1}{3}$		$9\frac{1}{3}$		$2\frac{2}{3}$
	$6\frac{1}{3}$		$9\frac{1}{3}$		$5\frac{2}{3}$		$5\frac{2}{3}$	

Name: _____

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: $3\frac{1}{4}$, $1\frac{1}{2}$, or $2\frac{3}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: $4\frac{1}{2}$, $5\frac{1}{2}$, $7\frac{1}{2}$, or $6\frac{1}{2}$.

	$4\frac{1}{2}$		$7\frac{1}{2}$		$5\frac{1}{2}$		$4\frac{1}{2}$	
$5\frac{1}{2}$	$20\frac{1}{4}$	$2\frac{3}{4}$	$21\frac{1}{4}$	$4\frac{1}{2}$	$20\frac{3}{4}$	$3\frac{1}{4}$	$20\frac{3}{4}$	$5\frac{1}{2}$
	$7\frac{1}{2}$		$6\frac{1}{2}$		$7\frac{1}{2}$		$7\frac{1}{2}$	
$5\frac{1}{2}$	19	$4\frac{1}{2}$	$19\frac{3}{4}$	$3\frac{1}{4}$	$20\frac{3}{4}$	$5\frac{1}{2}$	19	$1\frac{1}{2}$
	$1\frac{1}{2}$		$5\frac{1}{2}$		$4\frac{1}{2}$		$4\frac{1}{2}$	
$6\frac{1}{2}$	20	$7\frac{1}{2}$	$22\frac{3}{4}$	$6\frac{1}{2}$	$19\frac{1}{4}$	$2\frac{3}{4}$		$7\frac{1}{2}$
	$4\frac{1}{2}$		$3\frac{1}{4}$		$5\frac{1}{2}$		$5\frac{1}{2}$	
$1\frac{1}{2}$	20	$6\frac{1}{2}$	$21\frac{3}{4}$	$7\frac{1}{2}$	$20\frac{3}{4}$	$3\frac{1}{4}$	$20\frac{3}{4}$	$7\frac{1}{2}$
	$7\frac{1}{2}$		$4\frac{1}{2}$		$4\frac{1}{2}$		$4\frac{1}{2}$	
$2\frac{3}{4}$	$22\frac{1}{4}$	$5\frac{1}{2}$	18	$6\frac{1}{2}$		$7\frac{1}{2}$		$5\frac{1}{2}$
	$6\frac{1}{2}$		$1\frac{1}{2}$		$3\frac{1}{4}$		$2\frac{3}{4}$	

Name: _____

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

35% of 100	85% of 60	86% of 50	100% of 43
85% of 160	68% of 200	91% of 100	45% of 180
84% of 100	70% of 50	58% of 50	50% of 182
51% of 100	56% of 150	81% of 100	29% of 100

$3\overline{)6.9}$

Write the angle that is the supplement of 184°.

$9 \div \frac{3}{8} =$

$$\begin{array}{r} 69.735 \\ 44.9 \\ 1.927 \\ +486.1 \\ \hline \end{array}$$

Write the ratio as a fraction in lowest terms.
16 dogs to 2 cats

Write the reciprocal.

$\frac{21}{22}$

$\frac{4}{6} = \frac{2}{?}$

What is the greatest common factor of 11, 24, and 42?

Reduce $\frac{18}{36}$ to its lowest terms.

Name: _____

Get a fidget spinner! Spin it.

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

9 x 1 x 8 + 3 - 11

15, 17, _____, 21, 23, 25,

27, 29

(12 - 1) - 4 + 12 x 10

782 ÷ 10

y = x + 18
y = 23
What is the value of x?

4 x 84 ÷ 7 - 32 ÷ 4 =

0.4 (0.8 (0.4 x 9)) =

(9 + 16) + 5 = 2(v + 5)

What is the value of v?

Simplify.

$\frac{14}{21}$ =

Rewrite as an algebraic expression or equation.

The quotient of 90 and a is 10.

8 + 11 x 10 + 8

$\frac{3}{21} \div \frac{6}{7}$ =

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

The letter V has an unknown value. If you multiply V by twenty, the product is four. What value does V have?

If z = -4 and s = 32 then what is the value of y?
12z - 14s - 3s = y

t - 8 + t = 38
What is the value of t?

The unknown value x is a multiple of 5, is greater than 127, and it is divisible by 15. What can be the lowest possible value of x?

If a = 5 and v = -27 then what is the value of h?
9a + 14v - 3v = h

$7 \times 7 \times 7 = 7^x$

What is the value of x?

0.0008 x 0.3

Rewrite $\frac{81}{100}$ as a decimal.

0.2 x 0.6

|-14| - t = 9

t =

In what quadrant would you find the point (3, -5)?

|-14| - a = 22

a =

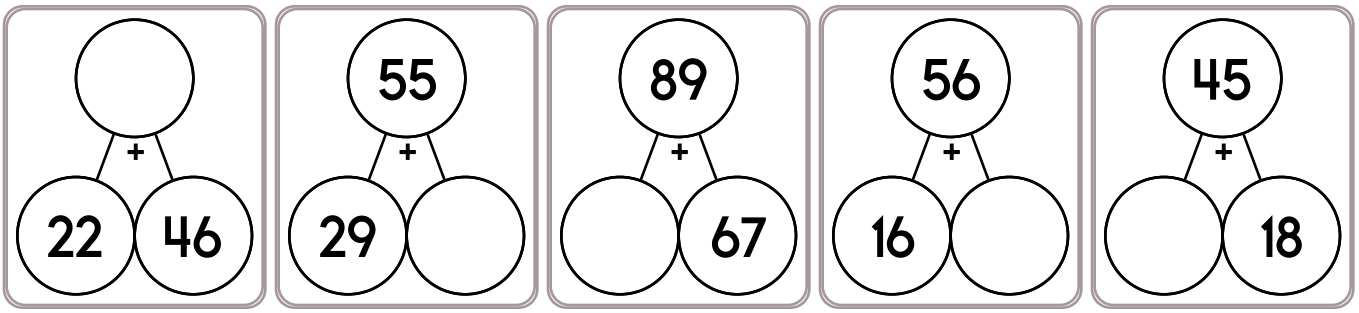
Name: _____

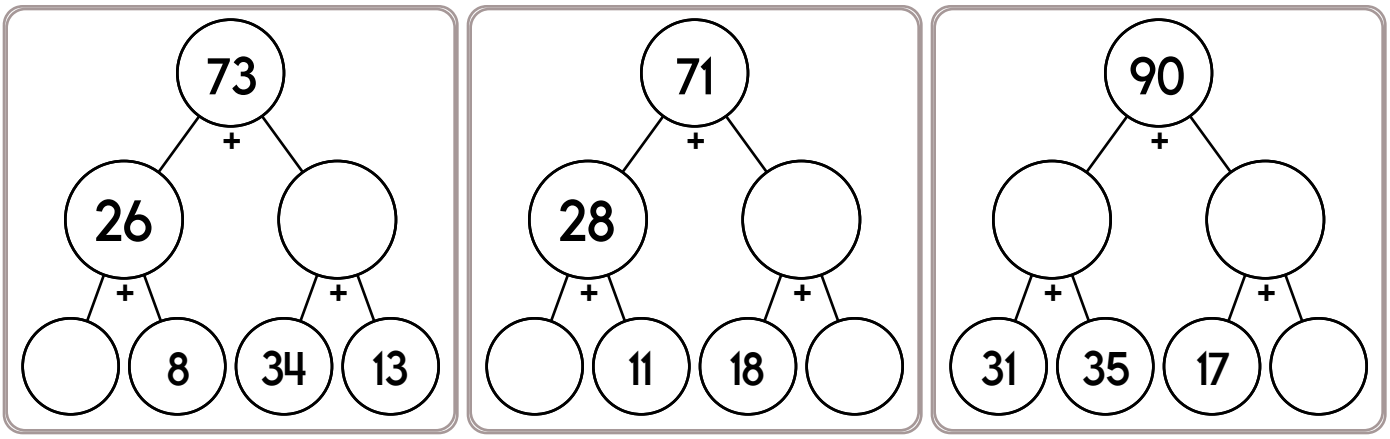
692	990	138	486	689
- 147	- 277	- 105	- 153	- 594
760	509	644	368	142
- 164	- 318	- 101	- 326	- 136

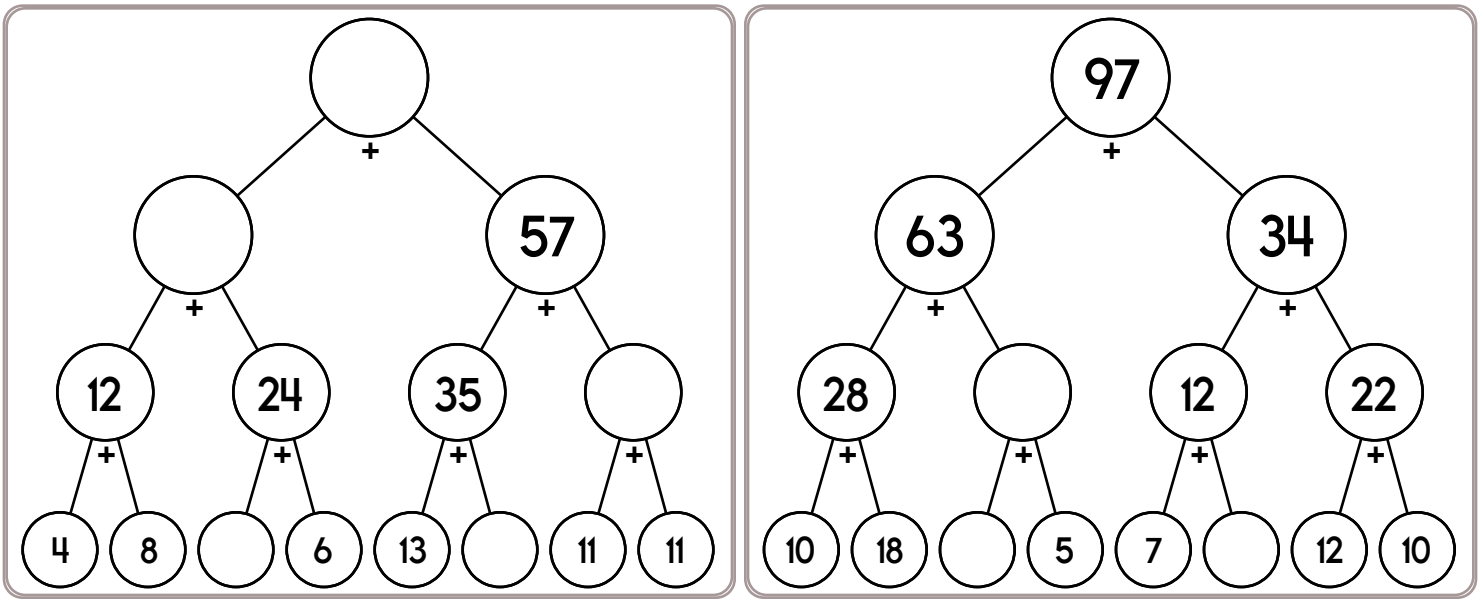
946 - 684 =	836 - 742 =
556 - 189 =	729 - 623 =
934 - 289 =	858 - 206 =
968 - 704 =	953 - 910 =

8 (x) 2, 4	9 (x) _, 3	24 (x) _, 8	28 (x) 4, _
72 (x) 8, _	72 (x) 8, _	8 (x) _, 4	32 (x) 4, _

Name: _____







$1\frac{11}{12} \div 3\frac{1}{7} =$

$\frac{5}{45} = \frac{?}{9}$

Sketch an angle and label it ∠FGH.

Name: _____

Christopher's nickels and quarters total $21.10. If the nickels were replaced by pennies then he would have $19.82. How many of each coin does he have?

The value of a mix of Isaac's quarters and nickels is $6.75. If the quarters were replaced by pennies, the value would be $1.23. How many of each coin does he have?

Lauren has $4 in nickels and pennies. Lauren has two more pennies than nickels. How many of each coin does she have?

Christian has nine fewer pennies than dimes. Christian has a total of forty-five pennies and dimes. How much money does he have?

Ashley took a certain number of pennies from Katherine. She then gave Katherine the same number of nickels in return. Ashley had $0.52 more than she had before the exchange. What was the number of nickels that Ashley gave Katherine?

Courtney has six times as many dimes as pennies and three times as many nickels as pennies. Courtney has a total of fifty pennies, nickels, and dimes. The total value of the coins is $3.80. How many of each coin does she have?

Name: _____

	x	+	+	=	
	C	A	?	B	48
+	B	B	A	B	96
+	B	C	B	B	63
=	23	20	24	27	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B x B + A + B = 96 A + B + ___ = 20

___ + ___ + ___ = 23 ___ + ___ + ___ = 27

___ x ___ + ___ + ___ = 63

Additional hints:

C > 4 B = C + 4

Solve:

? = ___

Name: _____

		+	-	=
	B	A	B	9
x	B	?	C	17
+	A	A	B	8
=	109	99	40	

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B x C + B = 40 B x B + A = __ __ + __ - __ = 9

__ + __ - __ = 8

Additional hints:

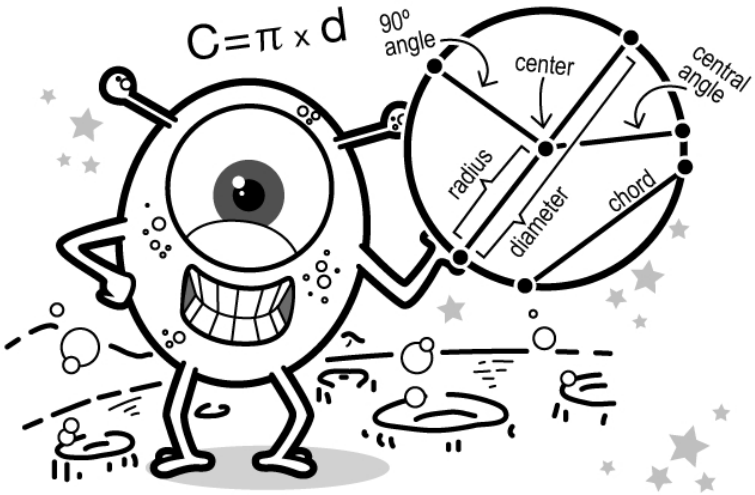
A > 8 B = C + 7

Show Work:

Solve:

? = __

Name: _____



Draw and label the following:

center **L**

diameter $\overline{\mathbf{PM}}$

radius $\overline{\mathbf{LM}}$

chord $\overline{\mathbf{NO}}$

central angle ∠**PLQ**

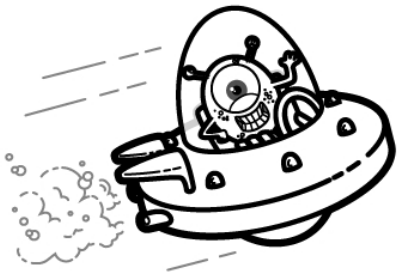
90° angle ∠**PLR**

The circumference of circle **L** is 31.4. What is the diameter?

_____ mi.

Find the circumference:

C = _____ mi.



Find the circumference:

C = _____ mi.

Name: _____

If 18 tons of gravel fit in each dump truck, how many dump trucks are needed to haul 200 tons of gravel all at once?

Jason was multiplying 0.55 times some number and got a result of 1. He knew that was wrong. He must have pushed a wrong button on the calculator. What number must he have multiplied 0.55 by to obtain this incorrect result of 1?

Write an equation to represent this situation, and then solve it:
Gavin paid his mom back $26 of the total that he owed her, but he still owed her $118. How much did his mom loan him?

The massive engine climbed 62 hills last month. The not-so-massive engine climbed .77 times as many hills. How many hills did the not-so-massive engine climb?

The fish in tank 1 are fed every 10 hours. The fish in tank 2 are fed every 5 hours. Assuming they are both fed at the same time on one day, how many hours will it be before they are again both fed at the same time?

Alex fooled his friends by placing some fake giant footprints in his back yard. He made a cast of his own foot and scaled it up by a factor of 2.25. If his foot was 9 inches long, how long was the fake footprint?

Name: _____

A questionnaire asked April what her height was (in centimeters). She thought to herself, "Well, I am exactly 153.2425 cm tall." However, there were only spaces for her to write three digits on the form. What number must she have written given the fact that she understands how to properly round numbers?

Ms. Floop wrote the numbers 19 and 43 on the board and asked the class to find the GCF. Some students began by listing the multiples, and others started prime factoring the numbers. Sara shouted out the answer in a few seconds and was correct. She did not use either of the methods the other students were using. What was Sara's correct answer and how did she do it?

Mr. Bloop drew three segments on the board. One was 8 inches long, and the other two were 3 inches long. Could they be used to form a triangle? Why or why not?

A Russian coin, an English coin, and an American coin were flipped in sequence. How many outcomes are possible?

Adam has created a set of 5 matched pots on his potter's wheel and set them out for the judges to see. In how many different orders could he have lined up the pots for display?

Name: _____

$3\overline{)9.9}$

$\frac{1}{2} \times 3 =$

$$\begin{array}{r} 7.2 \\ +8.93 \\ \hline \end{array}$$

$\frac{1}{3} \times \frac{5}{11} =$

Write the complement of each angle.

5°

26°

22°

19°

$$\begin{array}{r} 16.78 \\ -\ 1.749 \\ \hline \end{array}$$

Write as a percent.

$\frac{2}{4}$

$$\begin{array}{r} \frac{5}{9} \\ -\ \frac{1}{6} \\ \hline \end{array}$$

$3\frac{4}{11} \div 2\frac{1}{6} =$

Name: _____

The sum of a number and $12\frac{4}{5}$ is $16\frac{2}{15}$. What is the number?

Three-fourths of a number equals 63. What is the number?

60,000 and 12,000,000 added to a number is 13,001,690. What is the number?

Two-thirds of a number equals 652. What is the number?

The difference between 400 and half of a number is 286. What is the number?

A number multiplied by 8 is -20.8. What is the number?

Name: _____

8,981 and 3,474 added to the difference between 527 and half of a number is 12,873. What is the number?

Twenty-six exceeds one-half of a number by 13. What is the number?

If eight is added sixteen times to a number, the result is 163. What is the number?

A number minus 38.87 is 22.7. What is the number?

Forty-nine more than three-fourths of a number equals 148. What is the number?

Negative six times a number is negative one hundred ninety-eight. What is the number?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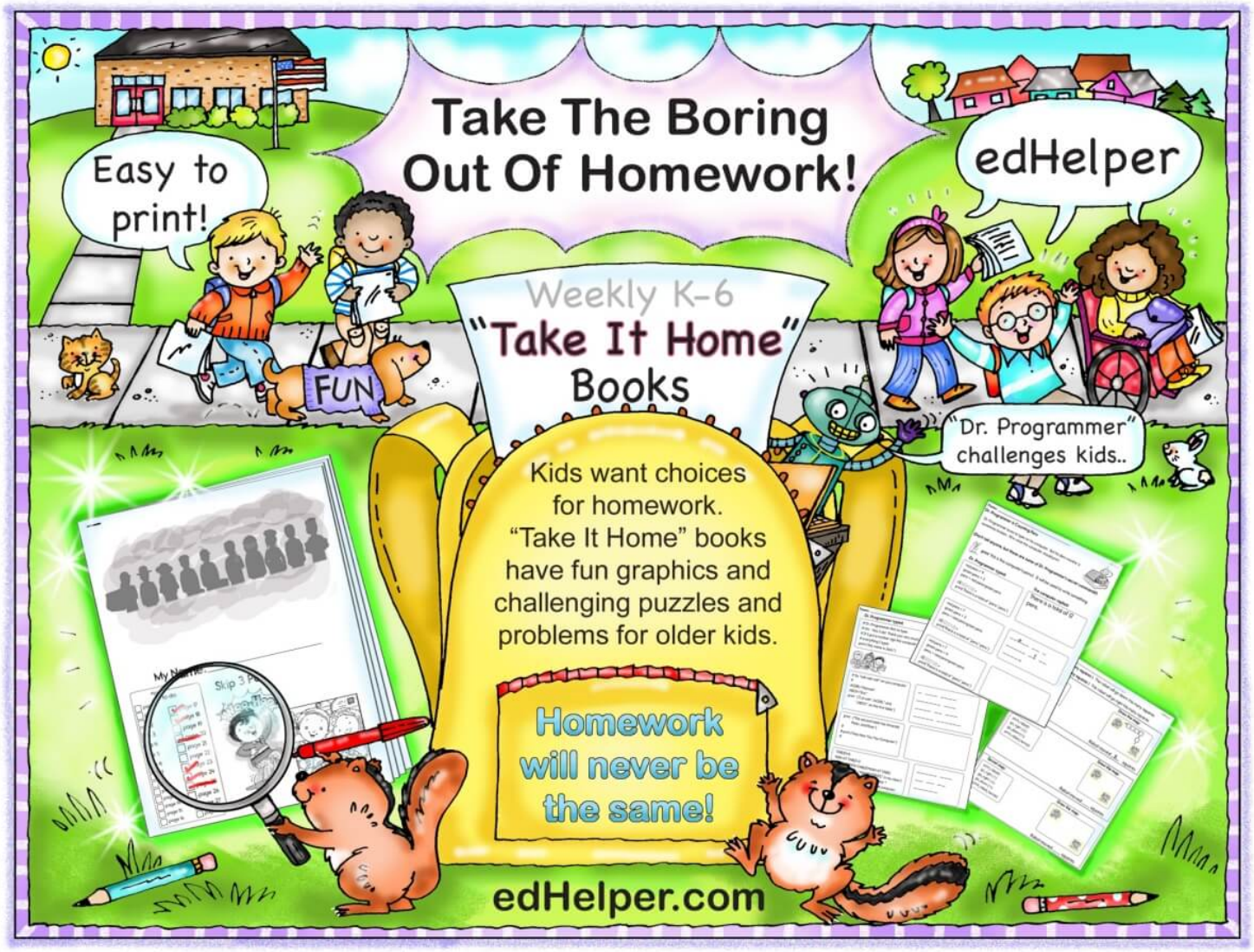
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