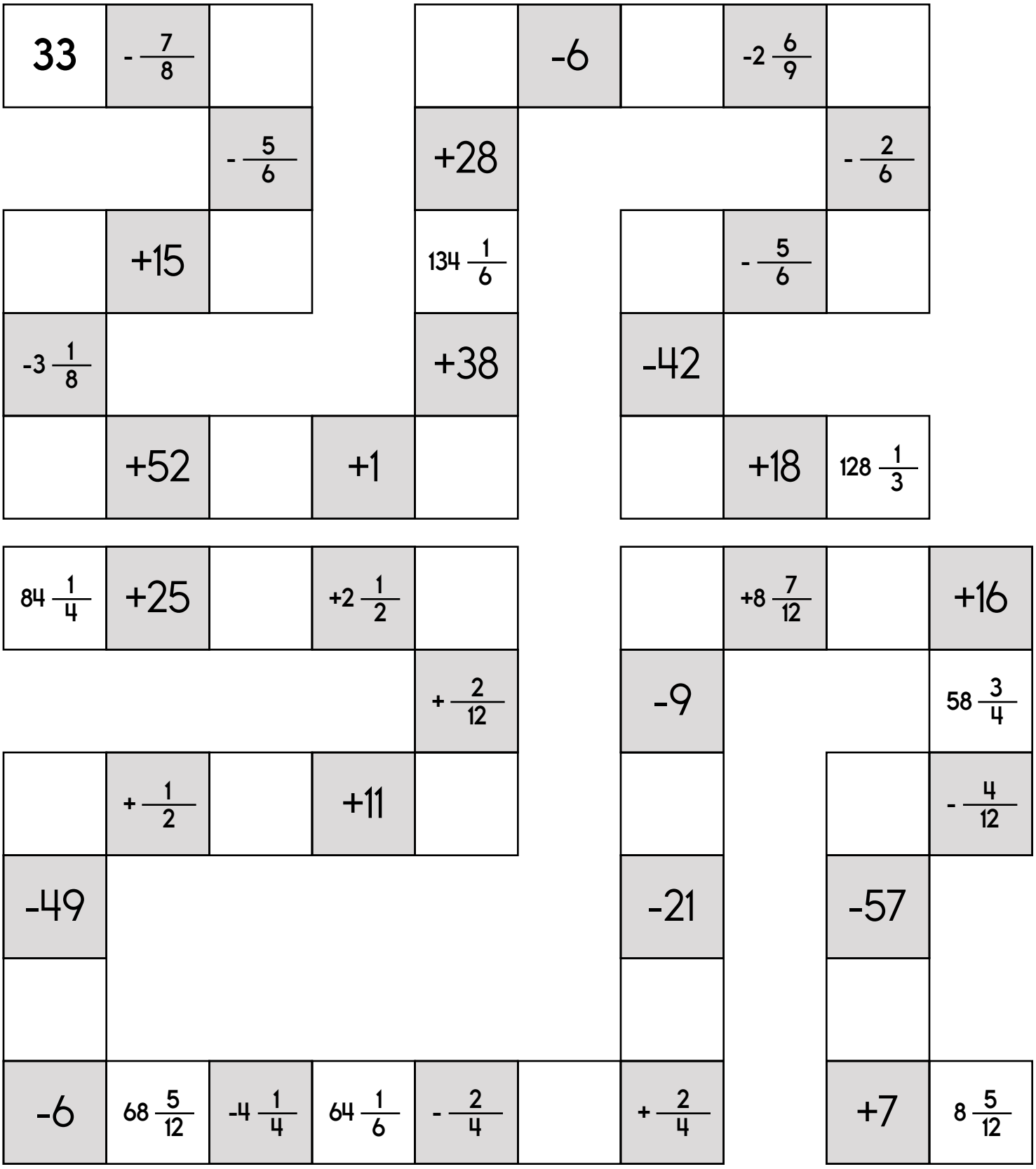
Name: _____


33
- 7/8
-6
-2 6/9
- 5/6
+28
- 2/6
+15
134 1/6
- 5/6
-3 1/8
+38
-42
+52
+1
+18
128 1/3
84 1/4
+25
+2 1/2
+8 7/12
+16
+ 2/12
-9
58 3/4
+ 1/2
+11
- 4/12
-49
-21
-57
-6
68 5/12
-4 1/4
64 1/6
- 2/4
+ 2/4
+7
8 5/12

42 ÷ 6 = _____

Name: _____

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

5.52, 23.98, 3.73, 33.23, 60.94, 97.9, 192.07,

350.91, 640.88, 1183.86, 2175.65, 4000.39, _____, _____

4.16, 11.49, 8.74, 24.39, 44.62, 77.75, 146.76,

269.13, 493.64, 909.53, 1672.3, 3075.47, _____, _____

Complete each pattern, using the same rule. Write what the rule is.

4, 12, 19, 57, 64, 192, _____, _____, _____

7, 21, 28, 84, 91, 273, _____, _____, _____, _____

3, _____, _____, _____, _____, _____, _____, 516

Name: _____

Megan is looking for a good outside game to play at her birthday party. She bought a book of backyard games from the bookstore near her house. The price of the book was $7.62. If she paid for it with a $10-dollar bill, how much change did she get?

The school nurse made a presentation about smoking to the 7th grade class. She said that smoking hurts your health. She said it also hurts your pocket! She said that a pack of cigarettes costs about $4.58 plus 8% sales tax. How much would a person spend on cigarettes in a year if he smoked one package of cigarettes on each of the 365 days of the year?

Amanda bought a box of dog biscuits for her dog Rex. The box was 11 inches long, 5 inches wide, and 4 inches high. What is the surface area of the box?

It takes one hundred sixty-nine pounds of milk to make thirteen pounds of cheese. At that rate, how much milk does it take to make four ounces of cheese?

The high school is putting on a play entitled "Polar Bears and Penguins." An adult ticket to the play costs $6. A student ticket is $3. Peter paid $69 for tickets to the play. He bought seven adult tickets. How many student tickets did he buy?

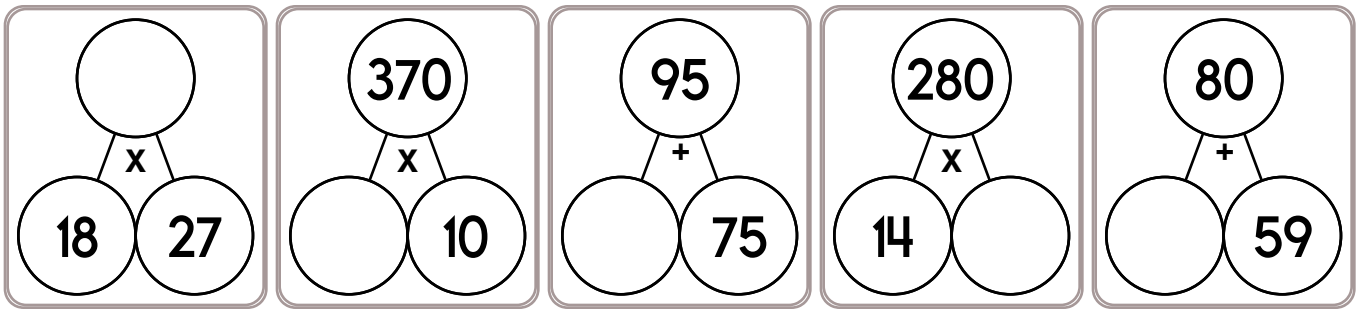
Name: _____

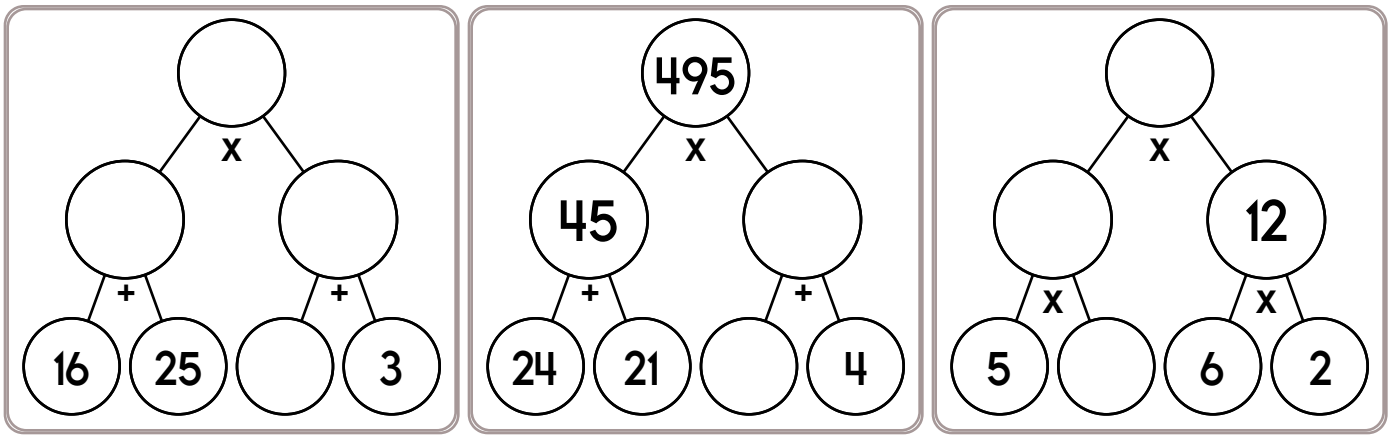
904 − 794	961 − 458	806 − 607	852 − 818	963 − 743
968 − 190	557 − 507	461 − 180	622 − 127	447 − 436

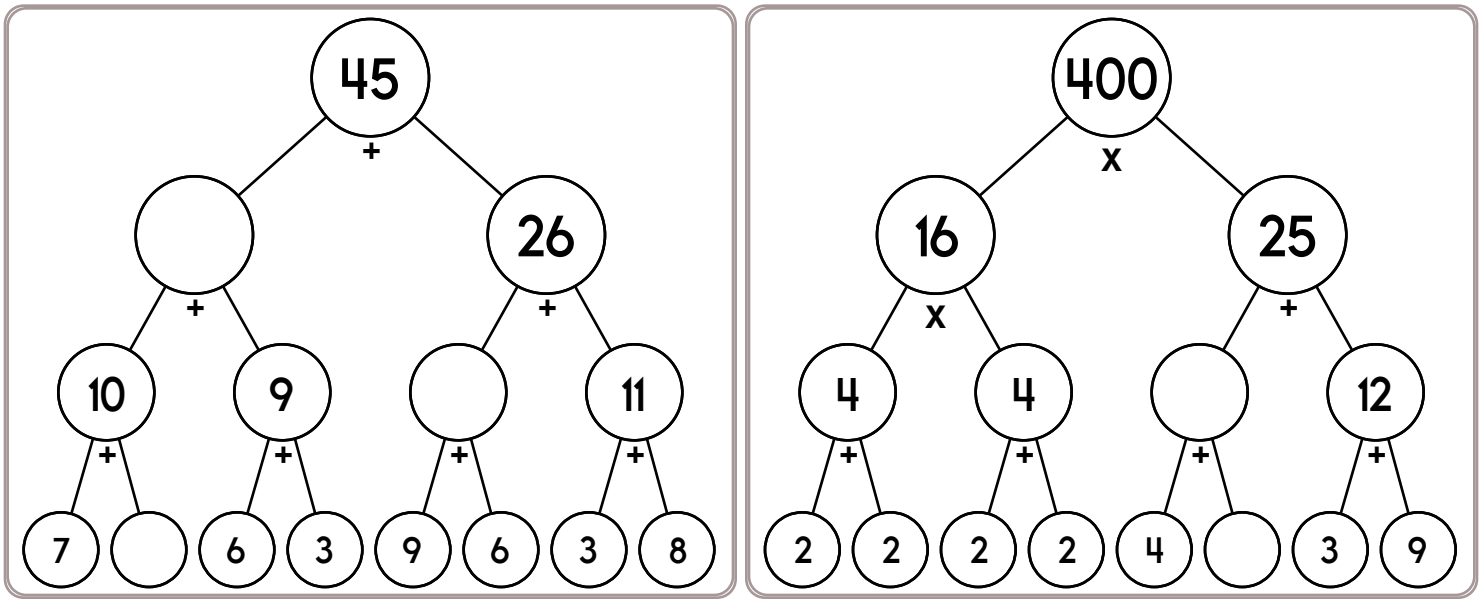
497 = 159 + 338	497 = ___ + 338	793 = 582 + ___	1390 = ___ + 775
1708 = 999 + ___	855 = ___ + 515	520 = 117 + ___	1390 = ___ + 775

8 x 8 =	7 x 6 =	8 x 6 =
5 x 2 =	2 x 2 =	4 x 8 =
4 x 6 =	9 x 4 =	9 x 6 =
7 x 8 =	3 x 2 =	2 x 7 =

Name: _____







Rewrite 18 - 6

Using numbers: -6 and 18

___ + ___ = ___

17 + -4 = ___

17 - 4 = ___

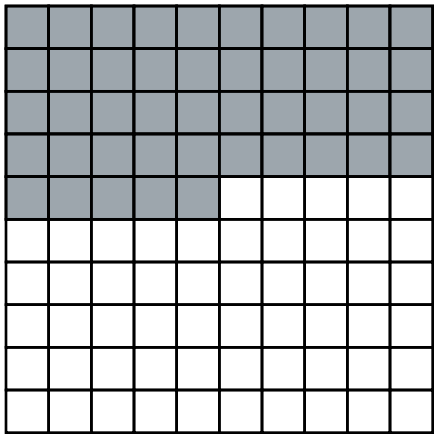
Rewrite 12 - 1

Using numbers: -1 and 12

___ + ___ = ___

word root **ped** can mean **foot** **pedestrian, expedition**

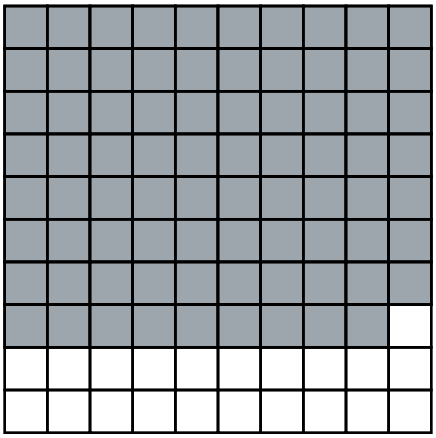
Name: _____



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.

$\frac{43}{100}$ = _____ %

$\frac{11}{100}$ = _____ %

$\frac{1}{100}$ = _____ %

42 out of 100 = _____ %

29 out of 100 = _____ %

0.61 = _____ %

0.26 = _____ %

0.04 = _____ %

0.75 = _____ %

0.05 = _____ %

0.33 = _____ %

0.4 = _____ %

0.84 = _____ %

0.9 = _____ %

0.1 = _____ %

Name: _____

Complete each analogy with the best word.

rescue	Africa	"Thank you."
jewelry	finale	kiss
Greenland	sidewalk	ring
ink	India	unique
Antarctica	mouth	"Excuse me."
give		

snow plow : streets ::

shovel : _____

falter : advance ::

abandon : _____

chocolate : candy ::

necklace : _____

O : hug ::

X : _____

table of contents : bibliography ::

prelude : _____

collar : neck ::

muzzle : _____

James Cook : Hawaii ::

Eric the Red : _____

temporary : pencil ::

permanent : _____

well-known : common ::

one of a kind : _____

ask : "Please?" ::

receive : _____

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

BUCCANEER • INSPIRE
MOVEMENT • METTLE
INTEGRATION • RAN • WARM
UNITED • MAY • RAINFOREST
FINALE • ASTRONOMER • ACRES
UNIQUE • MOLD
EVAPORATION • DEVELOPMENT
HONOR • MARSUPIAL • RESCUE

Name: _____

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

4.2	2	1.4	16.49	3.3	15.1	9
					24.1	
			516.1			

$\frac{2}{4}$			$4\frac{1}{2}$	
	$7\frac{4}{5}$			
$8\frac{3}{10}$				
	$28\frac{2}{5}$	$39\frac{2}{5}$		

Name: _____

David bought 3 hamburgers for $1.33 each and 2 orders of french fries for $0.81 each. What was the total cost of his purchases?

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

If the average marshmallow weighs 0.12 ounces, how much will a bag of 56 marshmallows weigh? Don't forget to include 2.4 ounces for the weight of the bag.

Can 340 be evenly divided by 5? Circle:
340 is evenly divisible by 5
340 is NOT evenly divisible by 5

Amanda took three numbers greater than 1 and multiplied them. One number was five and the other number was eighteen. Of course, she forgot the last number, but she remembered the product was 990. Is this possible?

18 lb = _____ oz

7,873 + 5,528 = _____

11 x 12 = _____

$$\begin{array}{r} 99 \\ -\ 81 \\ \hline \end{array}$$

Rose rolls a die. What is the chance of her rolling a 6?

_____

81 ÷ 9 = _____

1 km = 1,000 m

9 km = _____ m

Name: _____

Eric took three numbers greater than 1 and multiplied them. One number was six and the other number was twelve. Of course, he forgot the last number, but he remembered the product was 251. Is this possible?

Circle the addition property for 36 + 43 = 43 + 36.

associative property

commutative property

21 ÷ 3 =

$$\begin{array}{r} 38 \\ +\ 31 \\ \hline \end{array}$$

20 ÷ 2 = _____

Write the missing family fact.

167 - 78 = 89
167 - 89 = 78
78 + 89 = 167

_____

Here is a pattern of letters:

H H B H H B H H B H . . .

What letter will be the 32th term in the pattern?

$$\begin{array}{r} 832 \\ -\ 470 \\ \hline \end{array}$$

11 x 2 = _____

Can 714 be evenly divided by 4? Circle:
714 is evenly divisible by 4
714 is NOT evenly divisible by 4

4 x 4 = _____

$$\begin{array}{r} 208 \\ +\ 264 \\ \hline \end{array}$$

Name: _____

Hannah likes to change numbers into a secret letter form. Hannah changed the number 115 to GGG. Hannah changed the number 73,647 to GGGGG. Hannah changed the number 5,316 to GGGG. Hannah changed the number 79 to GG. How do you think she would change the number 796,125?

_____

7 x 12 = _____

The boys in your class each were given a ticket with a number on it. The numbers given out were: 40, 31, 21, 17, 1, 22, 19, 20, 33, 9, 28, and 8. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?

Can 202 be evenly divided by 11? Circle:
202 is evenly divisible by 11
202 is NOT evenly divisible by 11

33 ÷ 11 = _____

36 ÷ 12 = _____

6 x 12 =

Circle the digit in the hundredths place.

2,149.1255

12 x 12 = _____

10 x 5 =

22 ÷ 11 = _____

5 x 4 = _____

28 ÷ 7 =

How many grams are in 9 kilograms?

_____ grams

36 ÷ 6 = _____

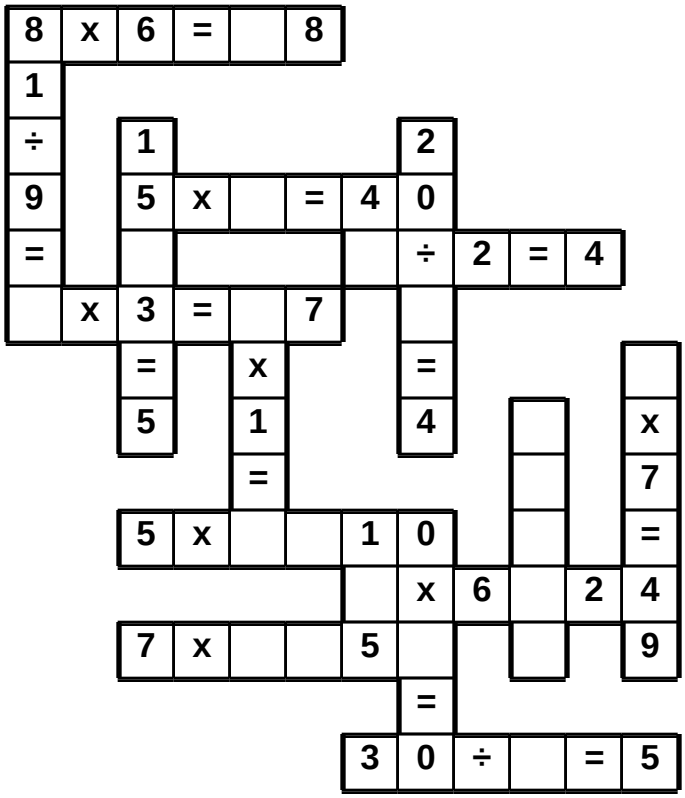
2 x 9 = _____

2,144 + 4,364 = _____

Name: _____

4 • 8 • ÷ • 8 • 9 • 2 • 5 • 7 • 3 • x • 2 • = • 1 • 4 • = • 8 = • 6 • 3 • 6

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



Max has no pennies. Max has two dimes and one nickel. He also has one other coin that is different from the rest of his coins. How much could he have?

6 ÷ 3 = _____

For 574,123,231,330, write the digit that is in the hundred thousands place.

_____

2 x 8 = _____

30 ÷ 6 =

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

(7 ÷ 7) x 4 = 4	3 + (3 + 11) = 17
4 x 11 - 10 = 34	4 x 11 - 10 = 4
7 x 4 - 3 + 8 = 15	7 x 4 - 3 + 8 = 17
7 x 7 - 3 + 1 = 47	5 x 10 + 11 - 9 = 52
5 + 6 ÷ 1 + 6 = 17	2 - 1 + 11 + 12 = 24
10 + 11 x 3 ÷ 11 = 13	12 + 4 x 6 - 2 = 34
7 + 3 - 6 + 11 = 15	5 + 1 + 3 ÷ 2 = 7
12 + 12 + 1 x 5 = 77	9 + 5 x 2 + 8 = 27
6 ÷ 8 - 7 + 10 = 16	6 + 12 x 6 - 8 = 100

Name: _____

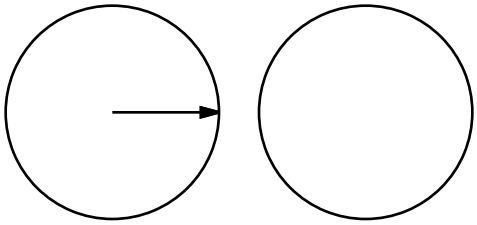
Here is a chart on turns to help you answer the questions.

A $\frac{1}{4}$ turn is 90°. A $\frac{1}{2}$ turn is 180°. A $\frac{3}{4}$ turn is 270°.

A full turn is 360°.

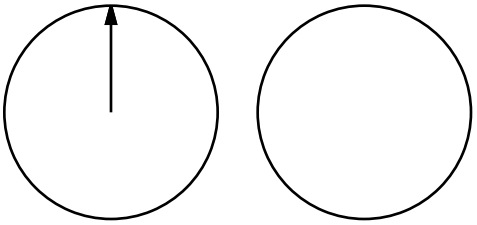
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.

Start: End:



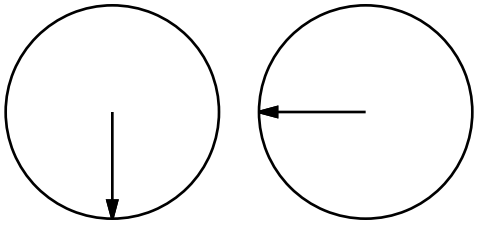
From the start position the pointer turns $\frac{3}{4}$ clockwise. Draw the arrow for the end position.

Start: End:



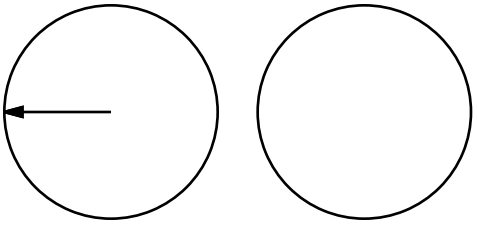
The start and end positions are shown. Explain the turn that was made.

Start: End:



From the start position the pointer turns 180° clockwise. Draw the arrow for the end position.

Start: End:



An angle that is 73 degrees is

between a ☐-turn and a ☐-turn.

Three right angles equals a ☐-turn.

Sarah is playing a game. She stands in the middle of a circle.

At the start of the game she faces north.

Then she makes a $\frac{1}{2}$-turn counterclockwise.

In which direction is she now facing?

Name: _____

What is the least common multiple of 10 and 4?

Is the least common multiple of 4 and 10 smaller, equal to, or greater than the greatest common factor of 4 and 10?

30 - n = 20

What is the least common multiple of 10 and 16?

___ + 2 = 11

What is the missing number?

x + 7 = 14

What is the value of x?

What is the greatest common factor of 4, 30, and 33?

What is the greatest common factor of 6 and 4?

___ + 29 = 39

What is the missing number?

x + 35 = 48

What is the value of x?

7 + y = 46

Name: _____

$$\begin{array}{r} 2 \\ 5 \\ +\ 7 \\ \hline \end{array}$$

246 + 386 + 16 + 517 =

$$\begin{array}{r} 80 \\ \times\ 27 \\ \hline \end{array}$$

$3\overline{)20}$

Divide and write remainder.

$20\overline{)4187}$

Divide and write remainder.

$4\overline{)774}$

Divide and write remainder.

$$\begin{array}{r} 75 \\ 38 \\ +\ 17 \\ \hline \end{array}$$

$99\overline{)1980}$

Divide and write remainder.

Subtract 501 from 6,745.

Name: _____

Write an expression.

Subtract 3 from q

$q - 3$

Write an expression.

Sum of $\frac{1}{3}$ and v

Write an expression.

Divide 4 by p

Write an expression.

$7m$ less than 18

Write an expression.

13 more than $8y$

Write an expression.

Add 6 to t

Evaluate when $x = 4$.

$7x + 55{,}211$

Evaluate when $d = 66$.

$56 + d$

Evaluate when $w = 2$.

$6w - 2$

Evaluate when $p = 4$.

$\frac{p + 12}{2}$

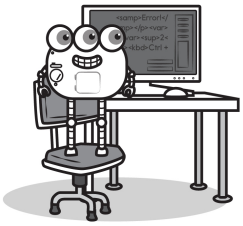
Evaluate when $t = 86$.

$475 - t$

Evaluate when $q = 24$.

$\frac{11q}{6} - 3$

Name: _____



Robot wrote this program to solve a math problem.

```
# Variables
required_tomatoes = 25
available_tomatoes = 18

# Calculation
needed_tomatoes = required_tomatoes - available_tomatoes

print(f'Mrs. Moore needs {needed_tomatoes} more tomatoes.')
```

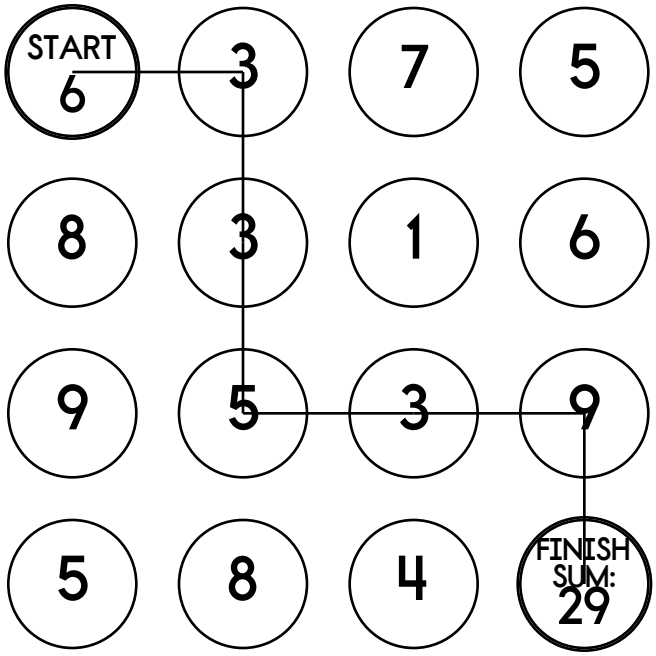
What will the program print out? Fill in the blanks.

Mrs. Moore needs ____ more tomatoes.

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

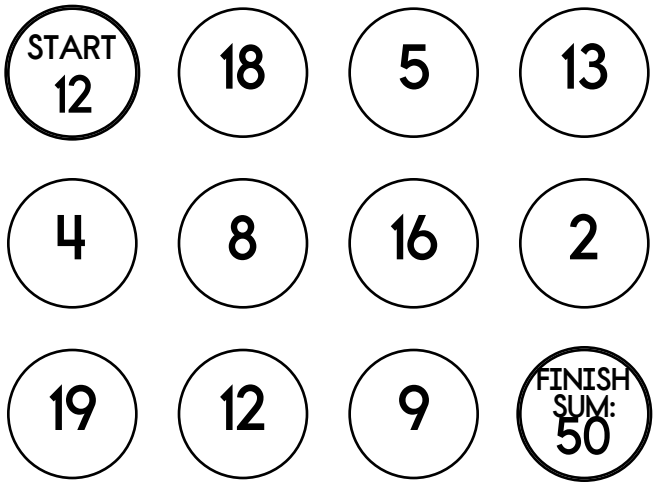
Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



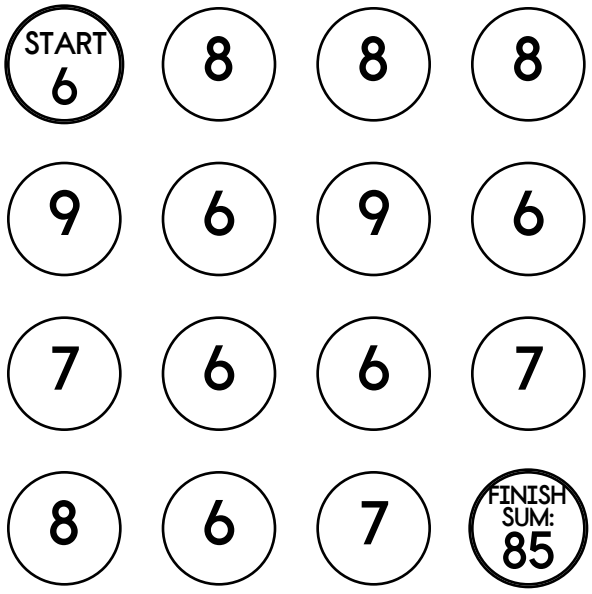
6 + 3 + 3 + 5 + 3 + 9 =

29



12 + 18 + _____ + _____ + _____ =

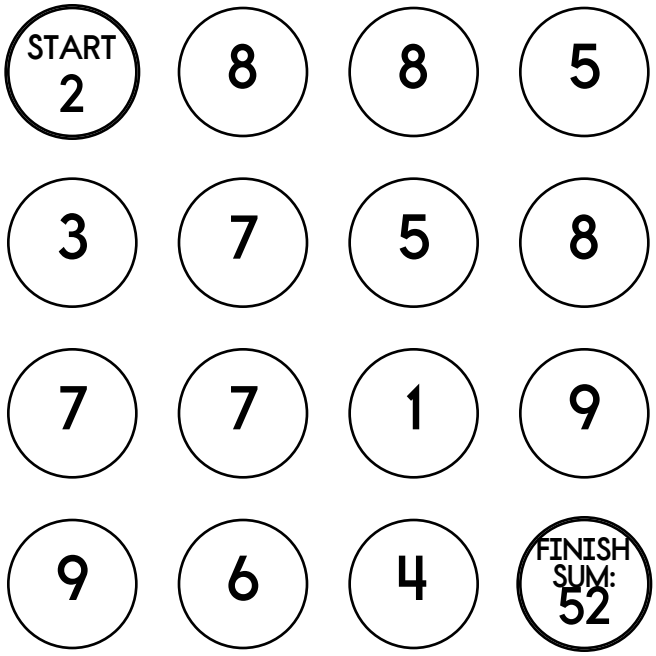
50



6 + 9 + 7 + 6 + ___ + ___ +

___ + ___ + ___ + ___ + ___ + ___ =

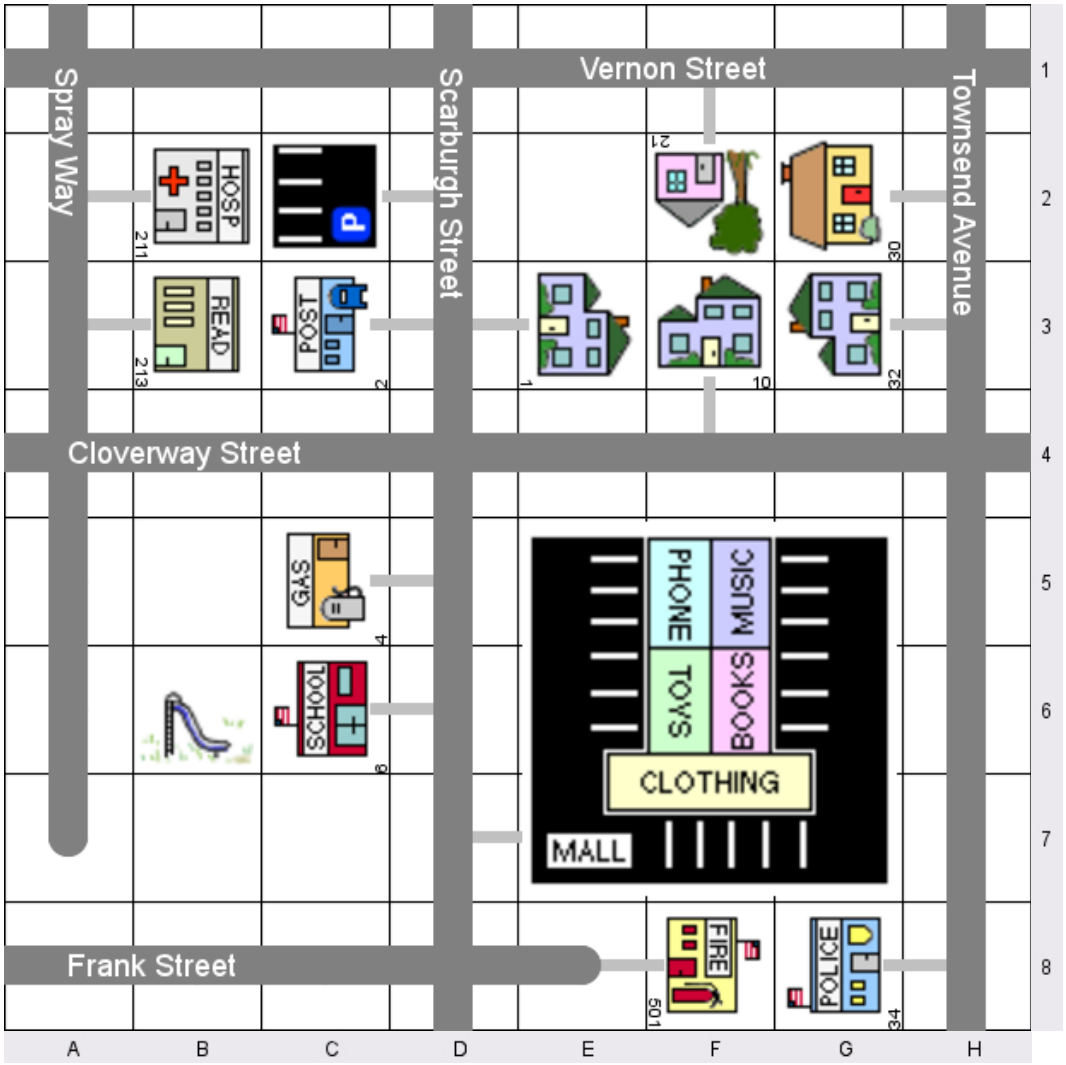
85



Did you find a path? Write the equation.

Name: _____

= 230 feet



Circle the one at F,8.

Circle the one at G,8.

4 Scarburgh Street is at _____.

21 Vernon Street is at _____.

10 Cloverway Street is at _____.

2 Scarburgh Street is at _____.

32 Townsend Avenue is at _____.

30 Townsend Avenue is at _____.

Name: _____

The post office at 2 Scarburgh Street is across from

_____

Which street has a gas station?

_____

Which street has a fire station?

_____

Write the total distance to go from the fire station at 501 Frank Street

to the fire station at 501 Frank Street

.

Write the total distance to go from the library at 213 Spray Way

to the house at 10 Cloverway Street
.

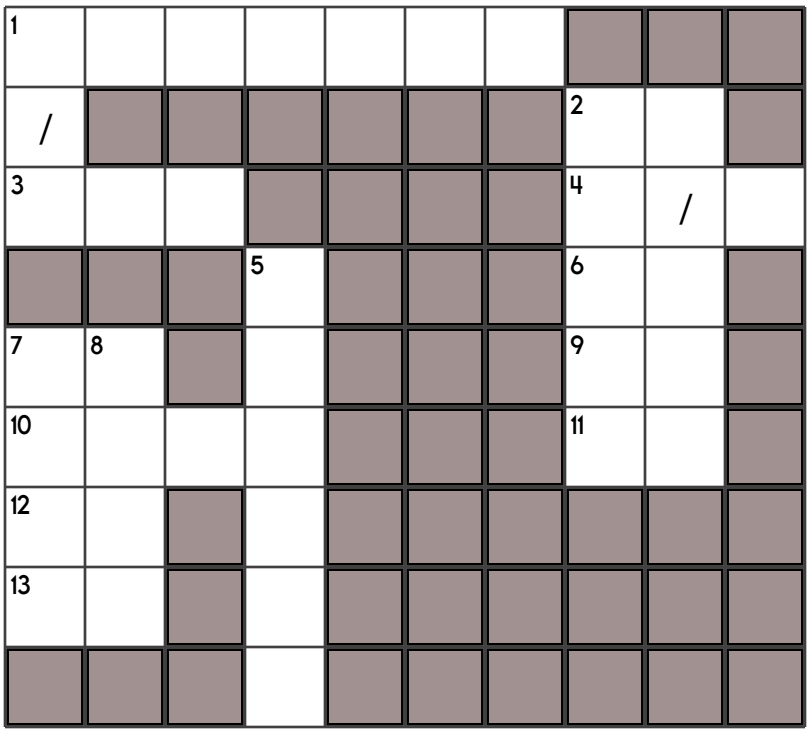
Begin at the police station at 34 Townsend Avenue. Walk the path to the road. The distance from your starting point to the road (the little path) is 65 feet. Go north on Townsend Avenue. Your final destination is on the west side of Townsend Avenue. You will have walked a total of 157 feet from your starting point (including the 65 feet path at the end of your walk). What is your final destination?

Circle the building that is located on Frank Street.

Circle the building that is located on Cloverway Street.

Begin at the hospital at 211 Spray Way. Walk the path to the road. The distance from your starting point to the road (the little path) is 65 feet. Go south on Spray Way. Your final destination is on the east side of Spray Way. You will have walked a total of 130 feet from your starting point (including the 65 feet path at the end of your walk). What is your final destination?

Name: _____



ACROSS

1 Double 419.

a. answer: 8 3 8

Halve 1690.

b. answer: 8 4 5

Full 1 across answer:

8 3 8 8 4 5
a a a b b b

2 101 - 5

3 Round 474.2 to the nearest whole number.

4 $\frac{1}{5} + \frac{3}{5}$ (find a solution with a denominator of 5)

Write into 4 across:

__ / __

6 10 + 4 + 7

7 Circle the answer that results in the most dollars for Amy. Write the total number of dollars into 7 across.
a. Amy had $88 and spent $20.
b. Amy had $22 and was given $37.
c. Amy had $64 and was given $5.

9 175 ÷ 5

10 3505 - 6

11 46, 49, 52, 55, 58, ___

12 Triple 22.

13 Share 64 grapes among 4 people. Each person gets exactly ____ grapes.

DOWN

1 Write a fraction with a numerator of 0 and a denominator of 4.

Write into 1 down:

__ / __

2 69, 74, 79, 84, 89, ___

a. answer: __ __

Write the numeral two hundred thirty-six.

b. answer: __ __ __

Full 2 down answer:

__ __ __ __ __
a a b b b

5 Round 9694.1 to the nearest whole number.

a. answer: __ __ __ __

75, 79, 83, 87, 91, ___

b. answer: __ __

Full 5 down answer:

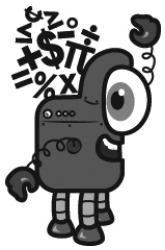
__ __ __ __ __ __
a a a a b b

7 6365 - 4

8 Write the numeral nine thousand, four hundred sixty-six.

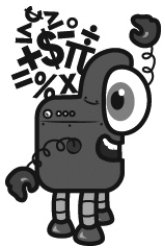
Name: _____

Mental Math — #1



- ❑ Start with the product of 5 and 5. **25**
- ❑ Add half of 58. _____
  5 8 4 5 4 0 2 4 1 0 (Circle your answer to double check you are correct.)
- ❑ Divide that number in half. _____
  9 2 7 1 7 4 5 8 2 5
- ❑ Divide by 9. _____
  2 3 1 2 4 7 3 3 3 3
- ❑ Triple that number. _____
  9 8 1 7 8 8 4 6 6 0
- ❑ Add a half dozen. _____
  4 7 1 5 6 6 2 5 8 6

Mental Math — #2



- ❍ Start with the number 183. _____
  2 4 6 2 1 8 3 2 1 5 (Circle your answer to double check you are correct.)
- ❍ Increase that number by 15. _____
  8 7 9 6 6 1 9 8 4 3
- ❍ Round that number to the nearest hundred. _____
  9 2 3 2 0 0 1 9 8 7
- ❍ Add the digits in your number. The sum of that is your new number. _____
  6 5 8 3 2 9 2 9 1 1
- ❍ Add half of 44. _____
  3 5 6 3 1 8 2 4 7 6
- ❍ Divide that number in half. _____
  2 5 8 4 1 8 6 1 2 5

Name: _____

Write each product in the simplest form.

$\frac{10}{3} \times \frac{12}{8}$

$\frac{17}{11} \times \frac{32}{9}$

$\frac{4}{3} \times \frac{2}{9}$

$\frac{37}{16} \times \frac{1}{6}$

$\frac{9}{6} \times \frac{22}{16}$

$\frac{10}{7} \times \frac{2}{7}$

$\frac{13}{8} \times \frac{11}{6}$

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

$\frac{14}{4} \times \frac{17}{6}$

$\frac{18}{8} \times \frac{1}{6}$

$\frac{3}{2} \times \frac{9}{7}$

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

Name: _____

Change to a percent.

$\frac{37}{100}$

Change to a fraction.
2%

Write the ratio as a fraction in lowest terms.
7 nickels to 3 quarters

Find 29% of 421.

Write the ratio as a fraction in lowest terms.
5 girls to 21 boys

Change to a decimal.
5%

Change to a percent.

$\frac{4}{100}$

$\frac{32}{88} = \frac{4}{?}$

Write as a percent.

$\frac{2}{4}$

Change to a fraction.
42%

Write as a percent.

$\frac{6}{20}$

Write the ratio as a fraction in lowest terms.
21 cats to 27 dogs

Change to a percent.
0.49

Change to a percent.

$\frac{28}{100}$

Find 6% of 29.

Name: _____

David rolled a number cube labeled 1 to 6. If he rolled any number divisible by 2, he would win the Summer Fun game. What is the probability he won the game?

Sara is making cards for Friendship Day. She is putting 3.2 inches of blue ribbon, 3.4 inches of yellow ribbon, and 1.7 inches of green ribbon on each card. How many inches of ribbon in all will she use on each card?

Jack took a big bowl from the kitchen to see what kind of fun party mix he could create.

He added $\frac{3}{4}$ cup of Goldfish crackers, $\frac{1}{2}$ cup of Cheerios, $\frac{1}{2}$ cup of raisins, and $\frac{1}{3}$ cup of pretzels. How many cups of food are now in the bowl?

Give two answers for x in each equation.

$$|-8 + x| = 1$$

$$|x - 2| = 10$$

word root **brev** can mean **short** **abbreviation, brevity**

Name: _____

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

44% of 200	56% of 100	65% of 60	84% of 150
70% of 80	55% of 160	40% of 105	47% of 200
55% of 20	44% of 25	94% of 100	78% of 50
70% of 180	72% of 175	63% of 200	84% of 50

20 ÷ 5 x 4

12, 14, 18, _____, 32, 42,

54, 68, 84, 102, 122

How many centimeters in 6.8 meters?

27 + n = 39

What is the value of n?

4 + 9 - 6 - 3

B, _____, J, N, R, V, Z

100, _____, 140, 160, 180,

200

731384, 473138, 847313,

384731, 138473, 313847,

731384, _____, 847313,

384731, 138473, 313847,

731384, 473138

Circle the three numbers whose product equals 6,325.

10	11	6
19	20	15
13	23	25

Name: _____

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted can send 16 texts in 1 minute and 36 seconds. At precisely 7:17 and 0 seconds, Ted sat outside the school and started to send texts. He sent texts until 7:58 and 0 seconds when his phone ran out of power. How many texts do you think Texty Ted completed and sent?

Express $\frac{4}{6}$ as a repeating decimal.

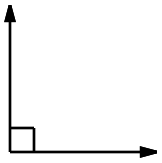
$$\begin{array}{r} 617{,}859 \\ -\ 360{,}745 \\ \hline \end{array}$$

Write the decimal number for:

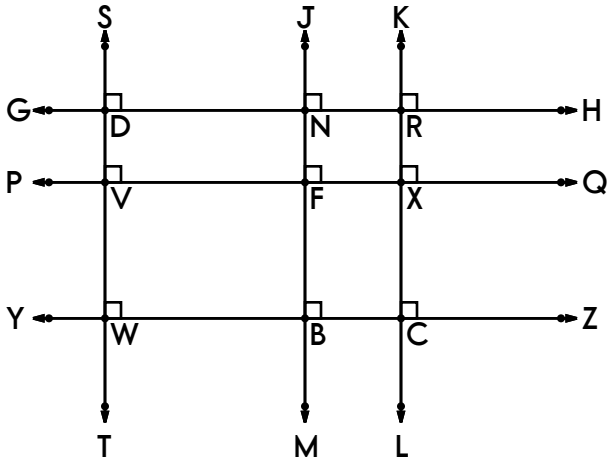
three hundred forty-nine and eight ten-thousandths

Change 15% to a decimal.

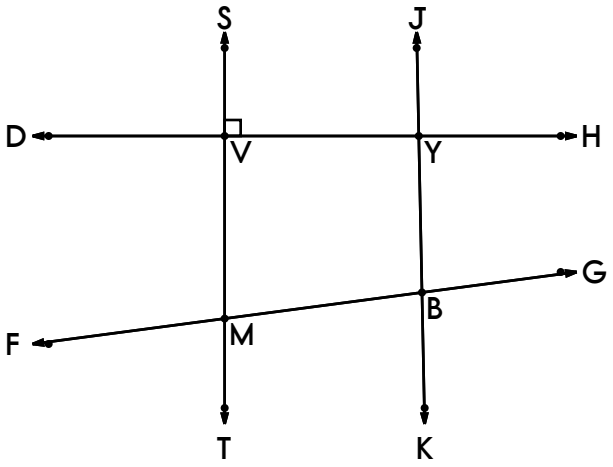
Name: _____



What kind of angle is this?



Show where all the right angles are.
How many right angles did you find?



Name 2 lines which include point M.

Name 3 angles.

Name 3 rays.

Sketch 2 lines $\overleftrightarrow{BC}$ and $\overleftrightarrow{XY}$ that are perpendicular.

Name: _____

Write an algebraic expression for each statement.

Subtract y from 2,228

r more than 1,558

Sum of s and 7

z less than 15

Divide 17 by k

Here is a small program.

```
b = 32
x = b - 8
print("8 less than b is ", x, ".")
```

When this program runs, it will print this to the screen:

8 less than b is 24.

What will this program print to the screen?

```
x = 42
y = 47 - x
print("x less than 47 is ", y, ".")
```

April wrote the following program to print how old Emily is.

```
Rosa = 10
Emily = Rosa + 3
print("How old is Emily? She is ",
      Emily," years old.")
```

When this program is run, what will be printed to the screen?

She also wrote this program. What does this program print?

```
r = 6
y = 19 + r
print("r more than 19 is ", y)
```

Now that you've seen small programs, can you code one?

Write a program to find the sum of 422 and the variable x. Give the value of 27 to x. Print the sum.

Name: _____

15 + -2 = ___

15 - 2 = ___

15 - 6 = ___

15 + -6 = ___

On a number line, what is the number that is 8 to the left of 4?

On a number line, what is the number that is 8 spaces right of -6?

9 - 15 =

What is the number that is 5 less than 4?

2 - 4 - 1 =

-3 + 7 = ___

-10 + 14 = ___

15 - 11 = ___

15 + -11 = ___

-11 + 17 = ___

6 - 13 =

On a number line, what is the number that is 10 spaces right of -5?

10 + -2 = ___

10 - 2 = ___

On a number line, what is the number that is 6 to the left of 3?

Name: _____

$$8 - 2\frac{7}{12}$$

$17 + \frac{1}{2} - \frac{5}{6} =$

$$\frac{10}{11} - \frac{1}{5}$$

$\frac{5}{9} \div \frac{10}{11} =$

$\frac{2}{3} \times 6 =$

Write the reciprocal.

$\frac{12}{16}$

$4\frac{1}{5} \times 4\frac{5}{7} =$

$\frac{3}{4} \times \frac{2}{3} =$

Write the reciprocal.

$\frac{3}{5}$

Write the reciprocal.

$\frac{21}{2}$

Write the reciprocal.

$\frac{2}{3}$

Write the reciprocal.

$\frac{4}{2}$

Name: _____

Circle the correct answer.

The sum of the angles measures of a triangle are ...

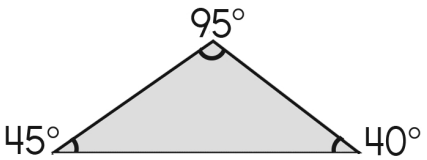
90° 180° 200°

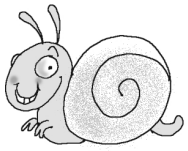
A triangle cannot have two right angles because ...

It would be more than 180°. | It wouldn't be legal with the math council. | The early pilgrims made it that way.

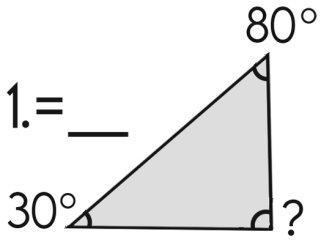
The sum of measure for this triangle is ...

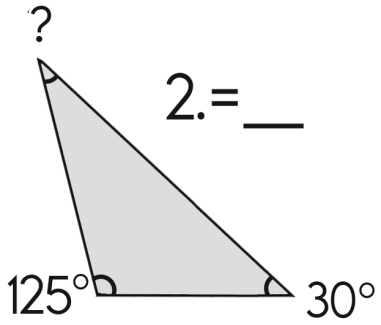
90° 180° 200°

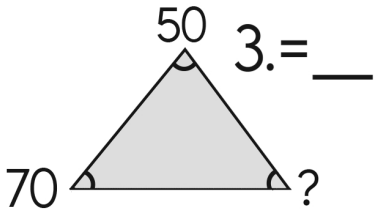


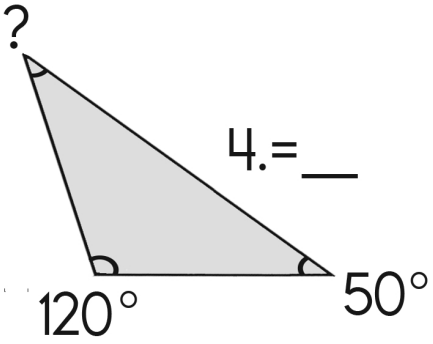


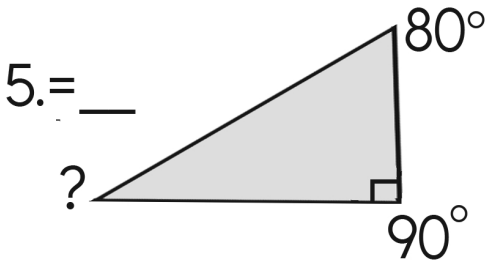
Write in the missing angle measurements.











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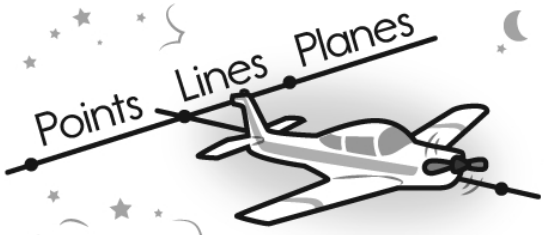
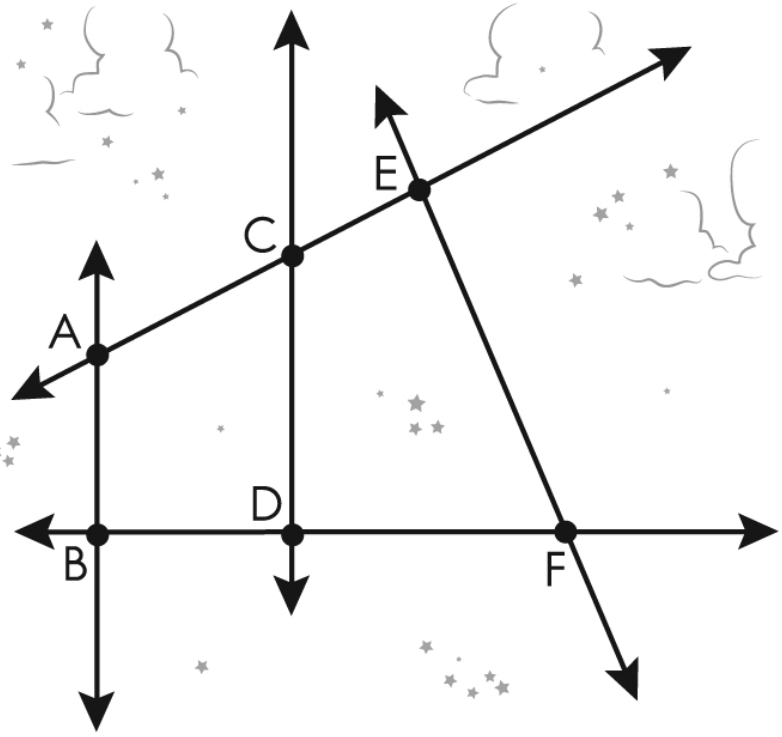
Name: _____





Draw:

Draw and label another point on $\overleftrightarrow{BF}$.

Draw and label another point on $\overleftrightarrow{CD}$.

Use the figure above to fill in an example for each term.

POINT: •

LINE: $\overleftrightarrow{AB}$

LINE SEGMENT: $\overline{AB}$

RAY: $\overrightarrow{AB}$

PLANE:

Use the figure above to provide an example for each term.

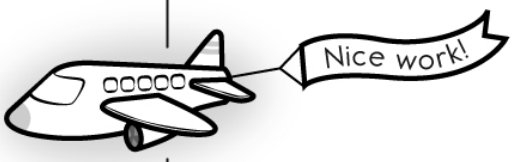
LINE:

RAY:

POINT:

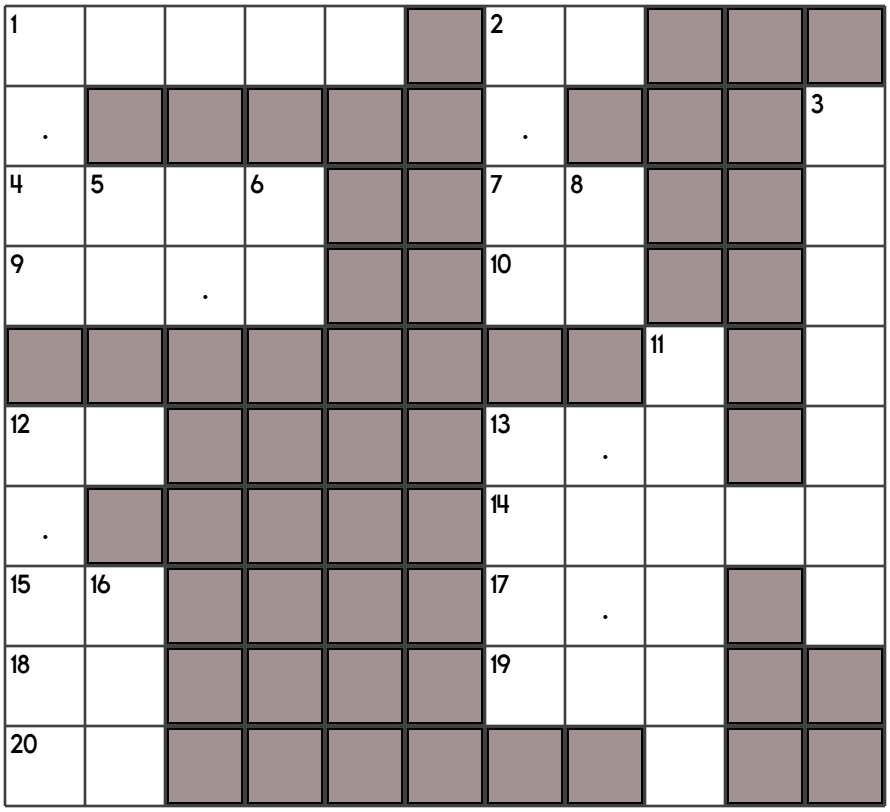
PLANE:

LINE SEGMENT:



	Point	Line	Line Segment	Ray	Plane*	* A plane can be defined by three points it contains, as long as they are not on the same line.
Example:	• A	$\overleftrightarrow{AB}$	$\overline{AB}$	$\overrightarrow{AB}$	A, B, F	
Symbol:	A	$\overleftrightarrow{AB}$	$\overline{AB}$	$\overrightarrow{AB}$	ABF	

Name: _____



ACROSS

1 639 - 5

a. answer: 6 3 4

Double 18.

b. answer: 3 6

Full 1 across answer:

6 3 4 3 6
a a a b b

2 56, 58, 60, 62, ___

4 40 - 4

a. answer: __ __

40 + 9 + 9

b. answer: __ __

Full 4 across answer:

__ __ __ __
a a b b

7 Round 86.2 to the nearest whole number.

9 51.9 + 14.3

10 39, 42, 45, 48, ___

12 Write the numeral twenty-three.

13 10 - 2.3

14 (Roman numeral) LXXIII =

a. answer: __ __

882 - 6

b. answer: __ __ __

Full 14 across answer:

__ __ __ __ __
a a b b b

15 72, 77, 82, 87, 92, ___

17 9 - 0.2

18 174 ÷ 3

19 Round 526.9 to the nearest whole number.

20 Halve 26.

DOWN

1 Round 6.356 to the nearest hundredth.

2 Round 6.848 to the nearest hundredth.

3 5465 - 3

a. answer: __ __ __ __

Halve 1128.

b. answer: __ __ __

Full 3 down answer:

__ __ __ __ __ __ __
a a a a b b b

5 22 + 22 + 22

6 58, 64, 70, 76, ___

8 (Roman numeral) LXI =

11 Double 389.

a. answer: __ __ __

Write the numeral eight hundred seventy-one.

b. answer: __ __ __

Full 11 down answer:

__ __ __ __ __ __
a a a b b b

12 Round 2.95133 to the nearest thousandth.

13 Write the numeral seven thousand, seven hundred eighty-five.

16 Halve 1566.

Name: _____

Cross off the number that does NOT belong.

$23\frac{25}{75}$, $22\frac{50}{75}$, $21\frac{35}{75}$, $20\frac{60}{75}$, $19\frac{45}{75}$, $19\frac{17}{75}$, $18\frac{70}{75}$,

$17\frac{55}{75}$, $17\frac{5}{75}$, $15\frac{65}{75}$, $15\frac{15}{75}$, 14, $13\frac{25}{75}$

Subtract $\frac{2}{3}$, then subtract $1\frac{1}{5}$; Repeat.

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{1}{9}$, (1), (9), (81),

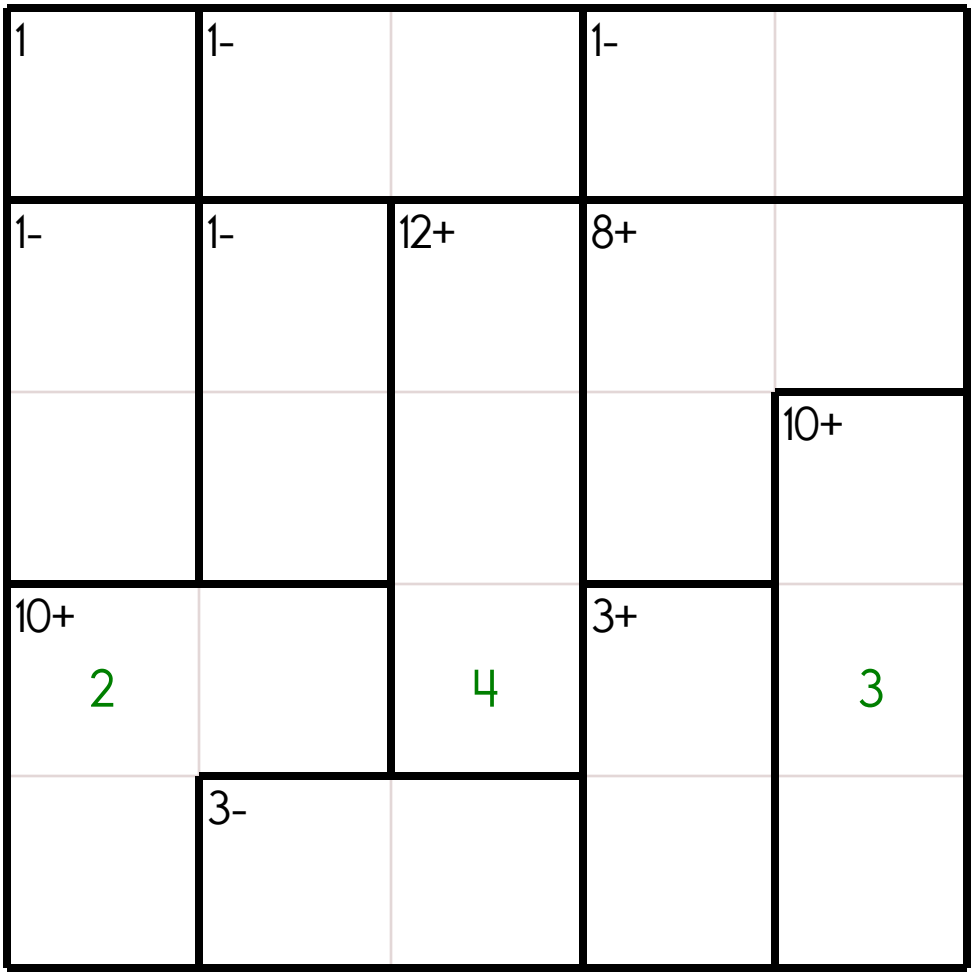
(729), (6,561), (59,049), (270,910),

(531,441), (4,782,969)

Why does _____ not belong in the pattern?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.
Every row must contain the numbers 1, 2, 3, 4, and 5.
Every column must contain the numbers 1, 2, 3, 4, and 5.
In a cage with a plus sign, the given number will be the sum of all the digits in the cage.
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.



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

____ - 4 = 1

____ + ____ + 3 = 10

2 + ____ + ____ = 10

____ + 2 = 3

____ + 3 + ____ = 8

3 - ____ = 1

2 - ____ = 1

____ - 1 = 3

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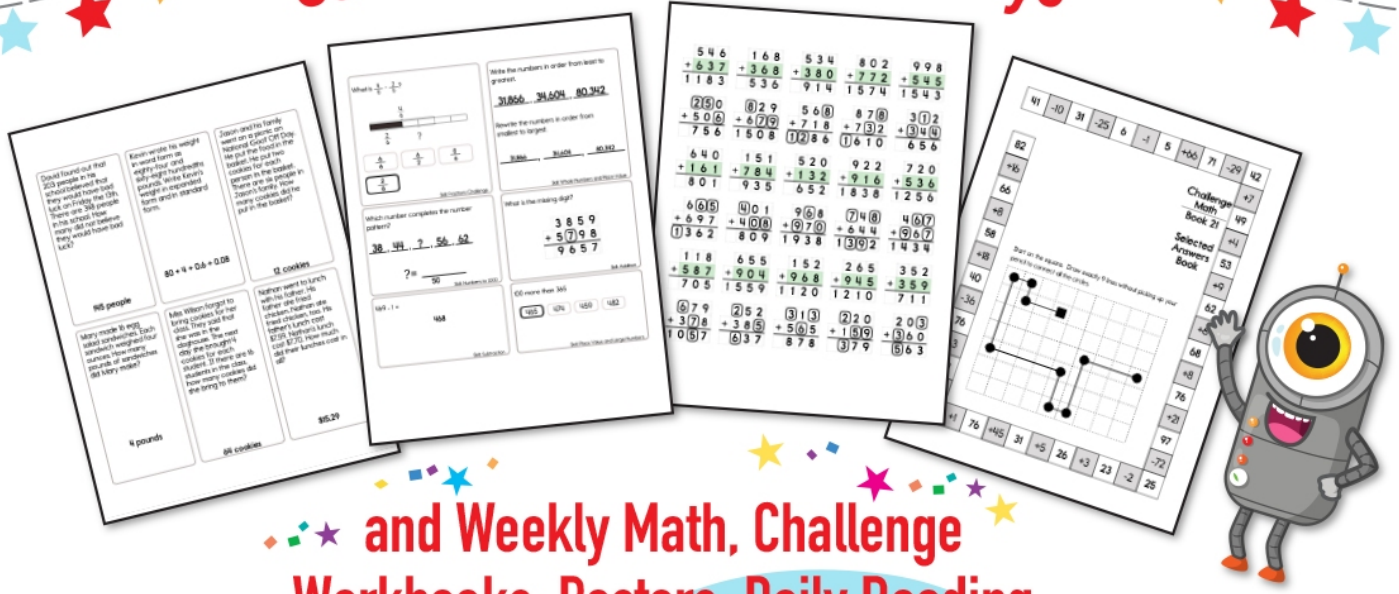

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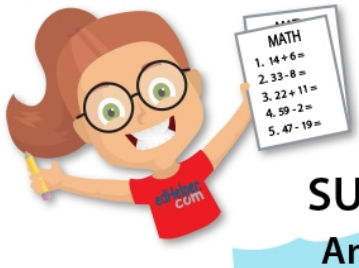

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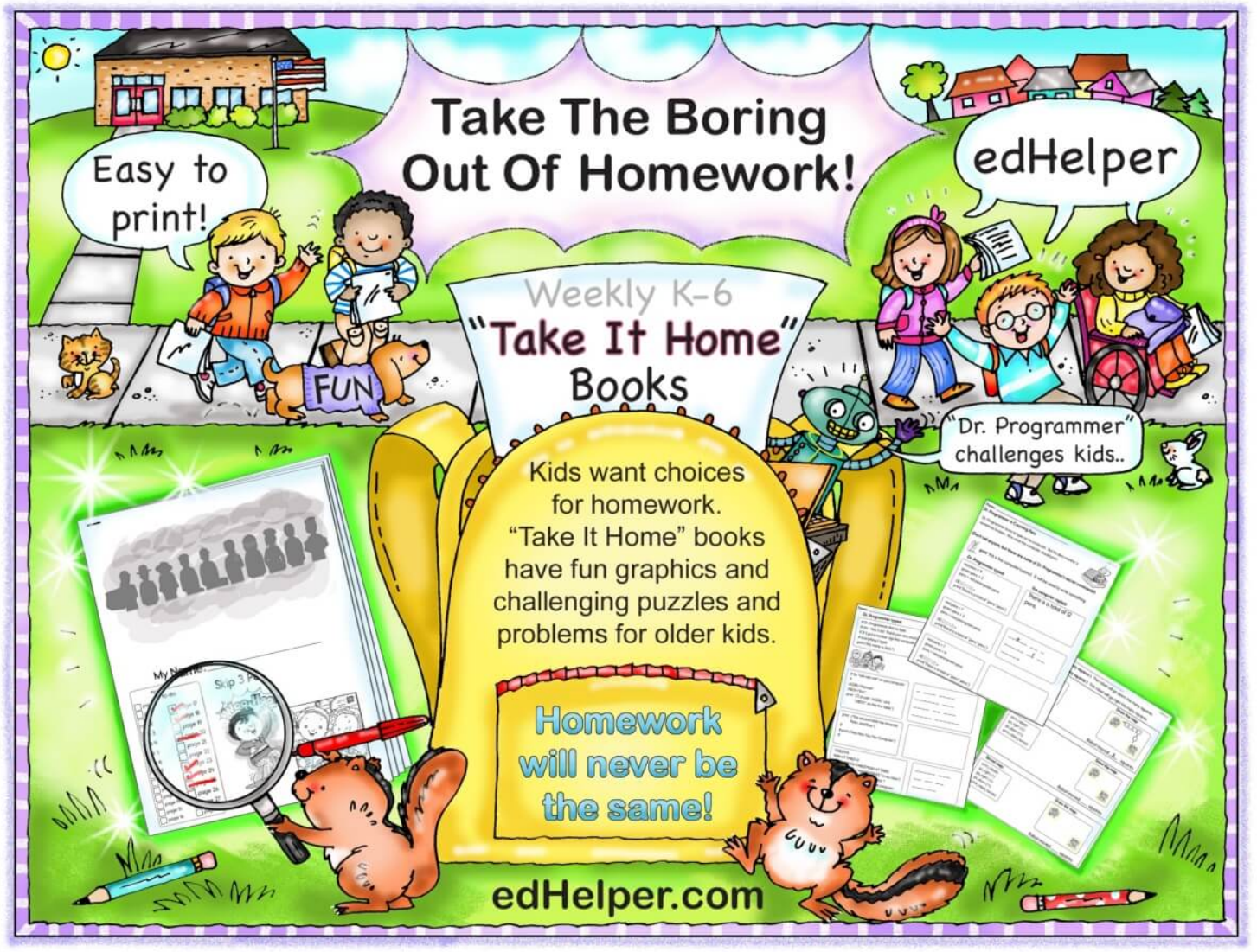
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