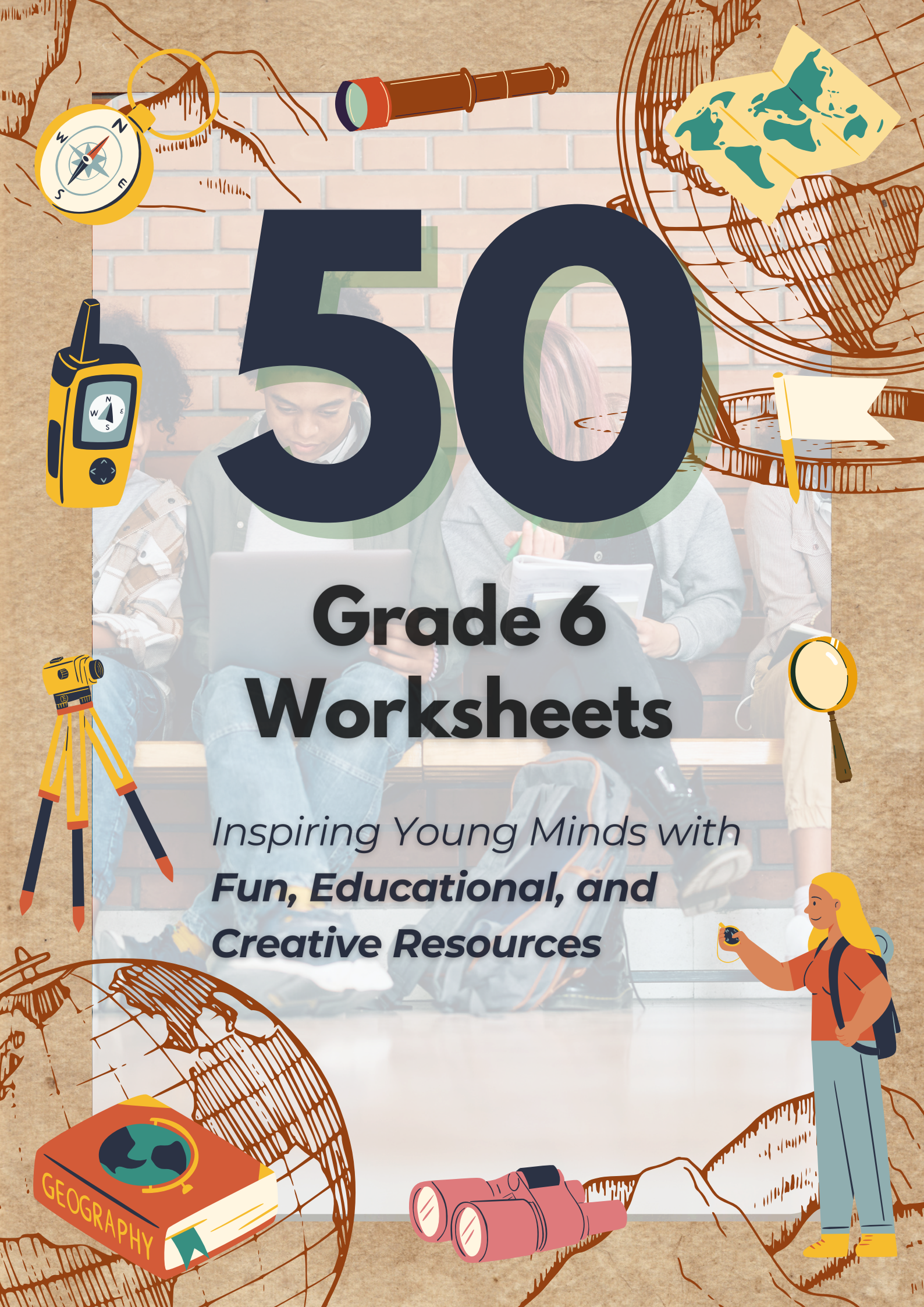
50

Grade 6 Worksheets

Inspiring Young Minds with ***Fun, Educational, and Creative Resources***



Name: _____

21 x (16 + 15) + 10 = _____ + 105?

A) 556

B) 1038

C) 458

D) None of the above

0.935 + 0.57 =

A) 150.5

B) 1.372

C) 1.505

D) 0.365

49941 - 16,103 =

A) 33,838

B) 33,831

C) 33,118

D) None of the above

What does the _____ stand for in the following equation?

_____ + 11 = 20

A) 9

B) 4

C) -11

Which of the following group of numbers is in order from largest to smallest?

A) 49, 64, 27, 52, 76

B) 14, 56, 57, 63, 96

C) 90, 54, 95, 45, 16

D) 91, 81, 35, 33, 12

What does the _____ stand for in the following equation?

33 _____ 3 = 11

A) +

B) x

C) ÷

D) -

Name: _____

$\frac{6}{7} \times \frac{3}{10} =$

$29 \div \frac{1}{8} =$

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

$5\overline{)400}$

$$\begin{array}{r} 45 \\ \times\ 72 \\ \hline \end{array}$$

$17\overline{)6545}$

Divide and write remainder.

Change $\frac{1}{2}$ to a decimal.

$2\overline{)17.4}$

Change $\frac{6}{10}$ to a decimal.

On a number line, what is the number that is 9 to the left of 3?

On a number line, what is the number that is 6 spaces right of -2?

4 - 3 - 2 =

Name: _____

Subtract 147 from 343.

$$\begin{array}{r} 6 \\ 3 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8{,}486 \\ -\ \ 444 \\ \hline \end{array}$$

Use a protractor to draw an acute angle $\angle BCD$.

Sketch an acute angle named $\angle ABC$.

Sketch an angle and label it $\angle FGH$.

What is the greatest common factor of 6 and 16?

What is the least common multiple of 12 and 10?

What is the greatest common factor of 5, 34, and 42?

Change to a fraction.
42%

Write the ratio as a fraction in lowest terms.
46 boys to 25 girls

Write as a percent.

$\frac{1}{2}$

Name: _____

$\frac{N}{6} = 3$

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

What is the missing number?

$\frac{N}{9} = 5$

What is the value of N?

$\frac{48}{N} = 6$

Write the decimal in words.
0.09

Write as a decimal.

$9\frac{26}{100}$

Write as a decimal.
Twelve thousandths

$$3\frac{3}{8} - 1\frac{1}{2} = \_\_\_\_$$

$$4\frac{7}{8} - 3\frac{4}{10} = \_\_\_\_$$

Find the least common denominator.

$\frac{2}{3}$ and $\frac{7}{12}$

Name: _____

$2\overline{)101}$

Divide and write remainder.

$$\begin{array}{r} 347 \\ \times\ 56 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times\ 2 \\ \hline \end{array}$$

$-110 \div -11 =$

$-30 \div 3 =$

$-4 - -3 =$

Find the least common denominator.

$\frac{2}{3}$ and $\frac{6}{7}$

$12 - \frac{2}{3} - \frac{3}{5} =$

$$\begin{array}{r} 6 \\ -\ 5\frac{2}{7} \\ \hline \end{array}$$

Find 87% of 36.

Write the ratio as a fraction in lowest terms.
8 to 4

Change to a decimal.
49%

Name: _____

Sarah has some one-foot square tiles she wants to put in her garden to use as stepping stones. Her garden is fifteen feet long and eight feet wide. She has twenty-one tiles. What percent of the garden will be unavailable for planting once she places the tiles in it? Round your answer to the nearest tenth of a percent.

Alex is a server at Marcelina's Restaurant in Mountain Springs. He makes $3.61 per hour plus tips. He worked thirty-three hours this week and made $243.37 in tips. What was his total income for the week?

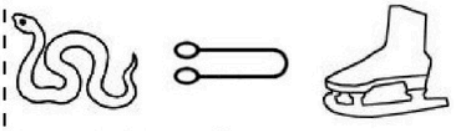
Jen is really into science. She invented a robotic bug that burps. Her brother loved it, so she wanted to send the robot to her brother. She checked her phone, and her brother is currently 1.2 miles away. After she set the coordinates on the phone, the robotic bug left. She got a burp confirmation 73.2 seconds later when it reached her brother. How fast did this robotic bug travel in miles per hour? Round your answer to the nearest mile. Hint: Convert time to hours. Then divide the miles by the time in hours.

In each group, circle the number that has the greatest value, and put a square around the number that has the least value.

5^1	5^3	5^5
6^5	6^4	6^1

Name: _____

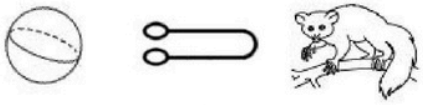
Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

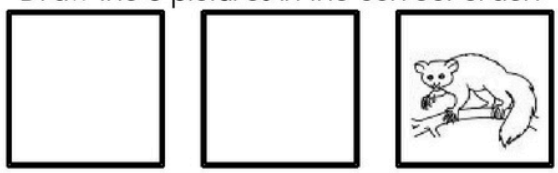
Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

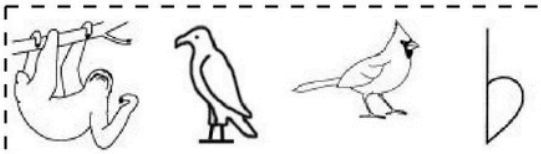


Draw 2 of these 3 pictures.
1 of those pictures is in the correct spot.

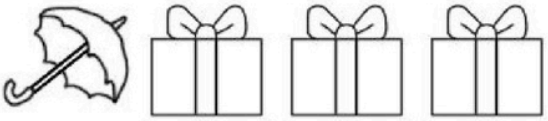
Draw the 3 pictures in the correct order:



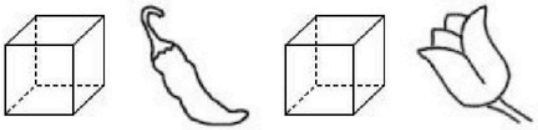
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

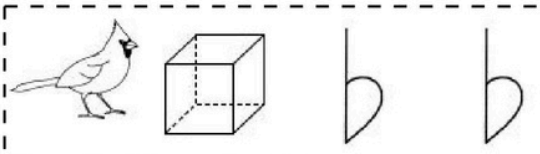


Draw 1 of these 4 pictures.
The picture IS in the correct spot.



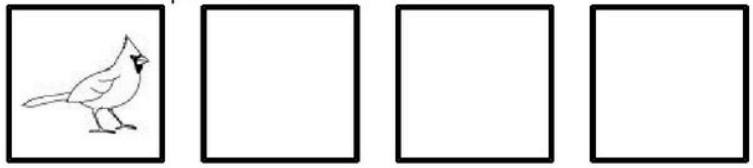
Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 3 of these 4 pictures.
None of those pictures are in the correct spot.

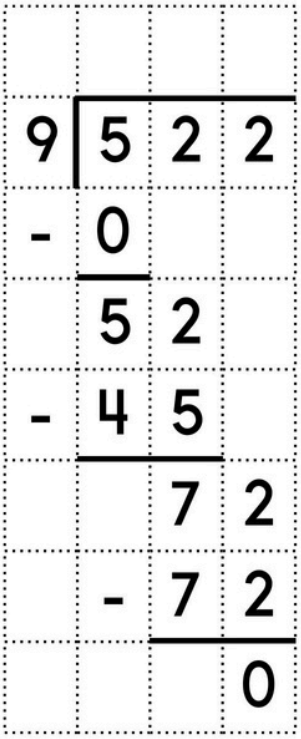


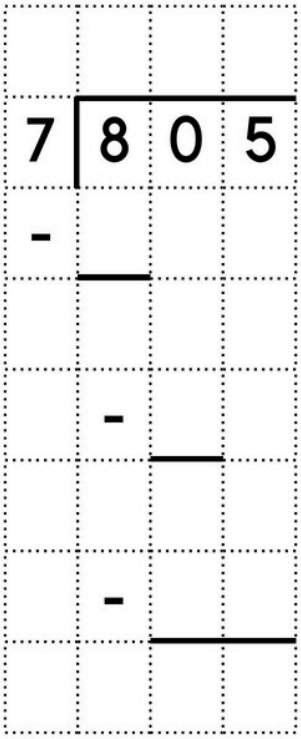
Draw 2 of these 4 pictures.
1 of those pictures is in the correct spot.

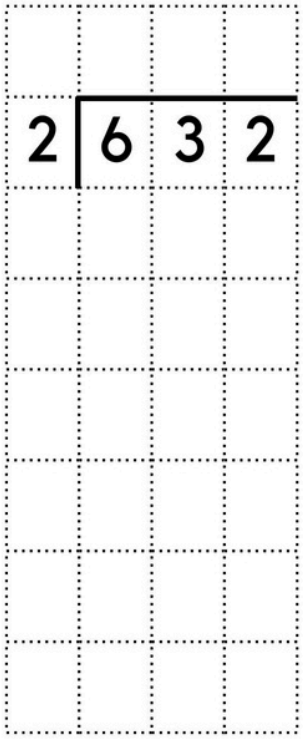
Draw the 4 pictures in the correct order:

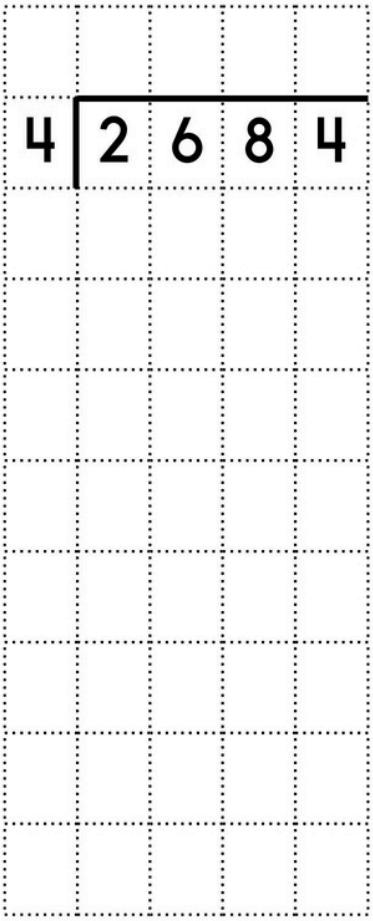


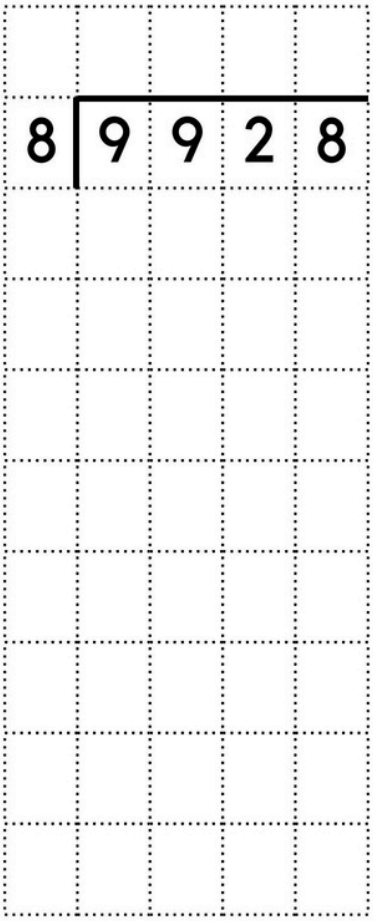
Name: _____

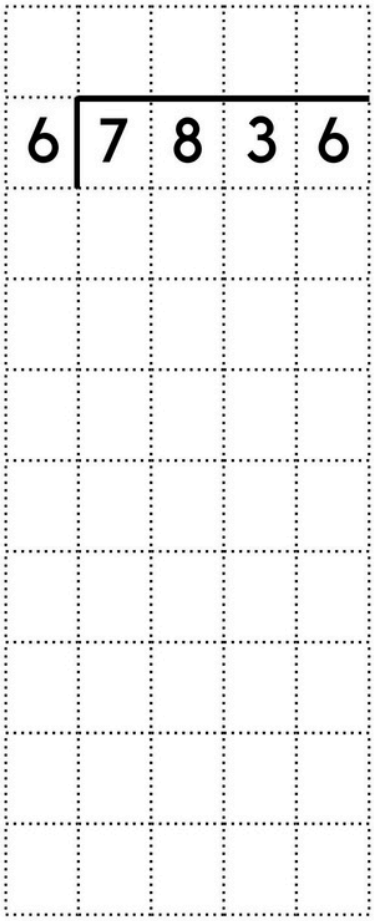




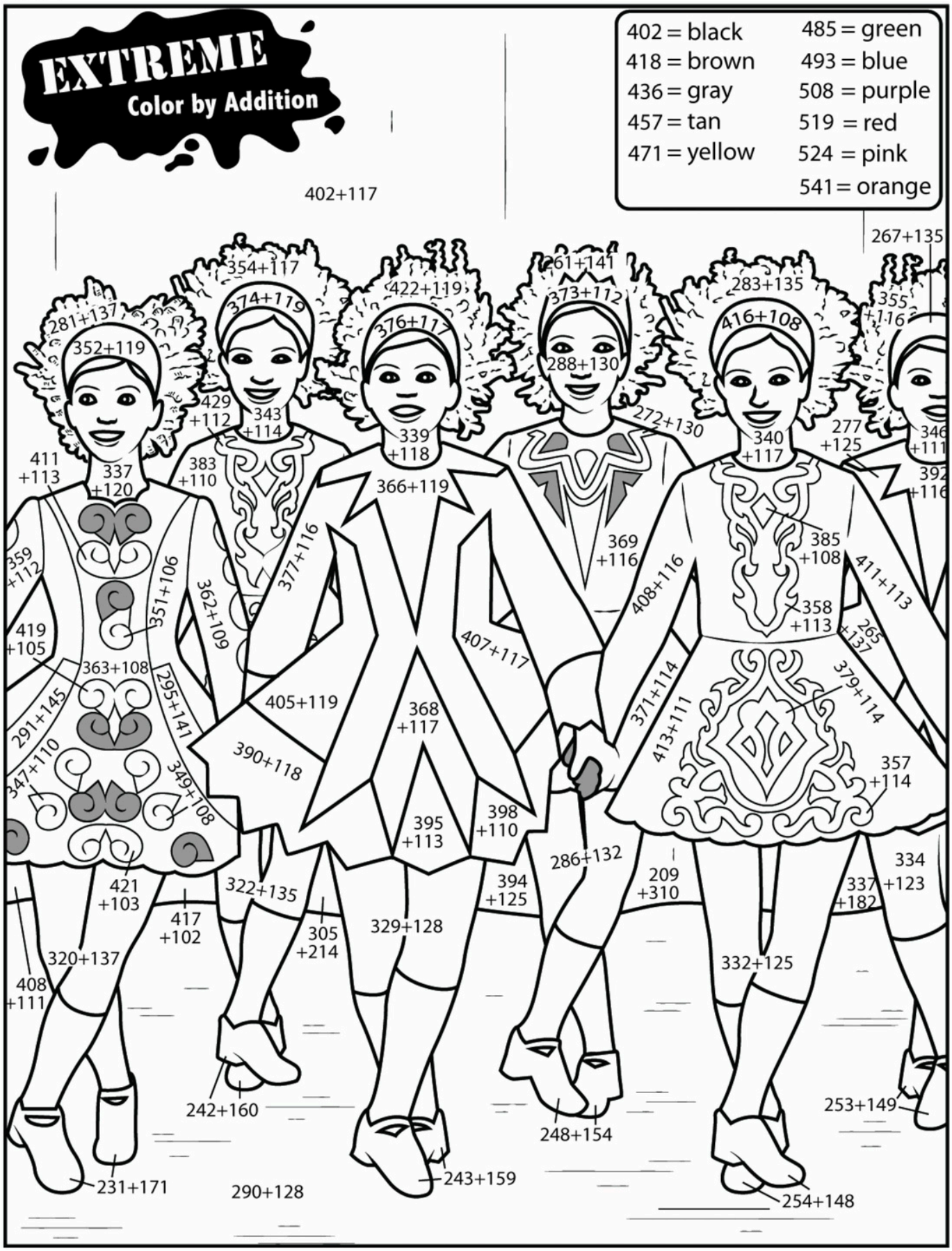








Name: _____



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?

imagine 9 in your head	imagine 8 in your head	imagine 6 in your head	imagine 7 in your head
multiply 4	multiply 4	double it	subtract 5
double it	add 6	subtract 6	add 3
	subtract 8	subtract 2	add 7
		add 9	add 1
		add 1	subtract 6
	Add the tens digit to the ones digit. Write the sum.	Write the even digit in your answer.	
Write the ones digit.			Write the number.
____ A	____ B		____ C

What is the sum?

A + B + C

____ ____

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

____ ____ ____ ____ ____ ____ **e**

8 after 16 _____	9 before 16 _____	5 before 13 _____
2 after 12 _____	3 before 18 _____	1 before 17 _____
3 after 13 _____	2 before 15 _____	4 before 14 _____

Name: _____

Sarah was bored. She found her little sister and offered to read a book to her. She read to her sister for an hour and 48 minutes. If Sarah started reading at 2:29 p.m., what time did she stop reading?

Seventy-three percent of the people surveyed believe that students are not well prepared for international business. If 1,900 people were surveyed, how many believe students are not well prepared for international business?

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 8,474,739 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

Rewrite this mixed number as an improper fraction.

$$11\frac{7}{10}$$

word root **tact** can mean **touch** **tactile, tactful**

Name: _____

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

37, _____, 47, 52, 57, 62,

67, 72, 77, 82

$\frac{8}{11} \times \frac{1}{5}$

Each side of a regular pentagon is 27.8 centimeters. What is the perimeter?

$|-15| - s = 20$

$s =$

A, D, G, J, _____, P, S,

V, Y

Rewrite $\frac{6}{25}$ as a decimal.

How many possible values of w can there be if w is a number between 39 and 51, w is an even number, and w is evenly divisible by 2?

What is the perimeter of a rectangle with a length of 36 centimeters and a width that is $\frac{1}{3}$ the length?

Amanda told the class that they should drink about 1.98 liters of water per day. There are 17 kids in the class, including Amanda. They will all try to do that. How much water will the class drink in a day?

In what quadrant would you find the point (-6, -14)?

$(9 + 8 + 5) =$

$\frac{7}{12} \div \frac{29}{36} =$

Name: _____

Spin again.

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

$8 \times 8 \times 8 \times 8 \times 8 = 8^x$

What is the value of x?

Simplify.

$\frac{23,400}{31,200} =$

$4 \times (63 \div 7) - 30 \div 10 =$

If $w = -7$ and $p = 46$ then what is the value of y?

$5w - 11p - 3p = y$

$y = x + 16$

$y = 22$

What is the value of x?

$0.9\ (0.2\ (0.9 \times 2)) =$

Rewrite as an algebraic expression or equation.

The quotient of d and 10 is 8.

A circle graph has five sections. Only four sections are labeled. The labels are 11%, 20%, 5%, and 5%. What should the missing section be?

Rewrite as an algebraic expression or equation.

Add 24 to the product of 5 and t

$\$86 - p = \$26$

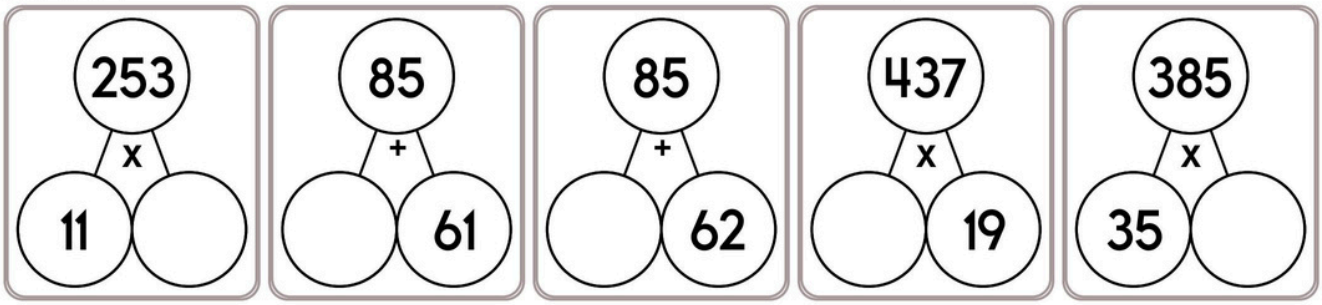
What is the value of p?

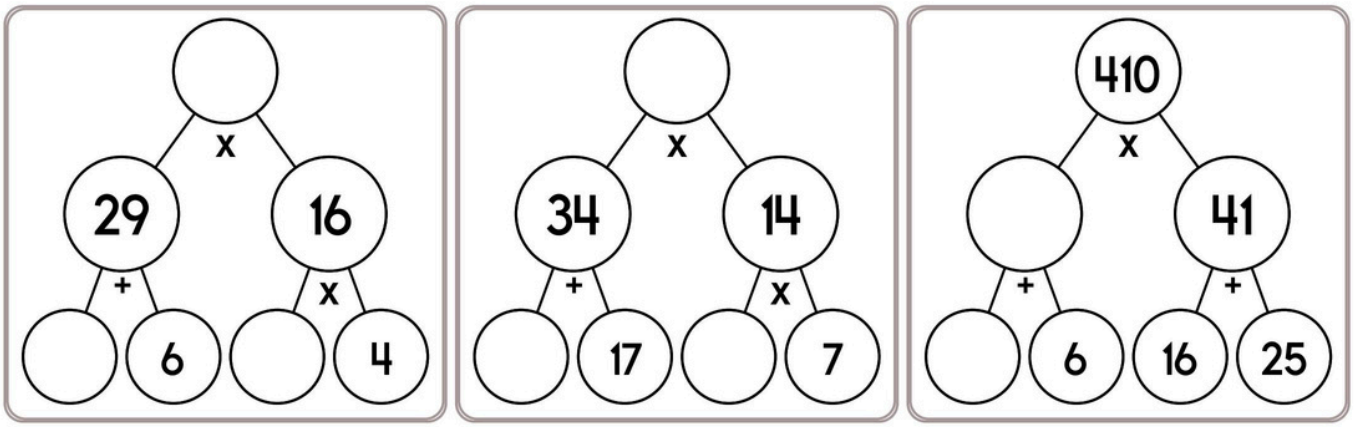
$(1 + 6) \times 2$

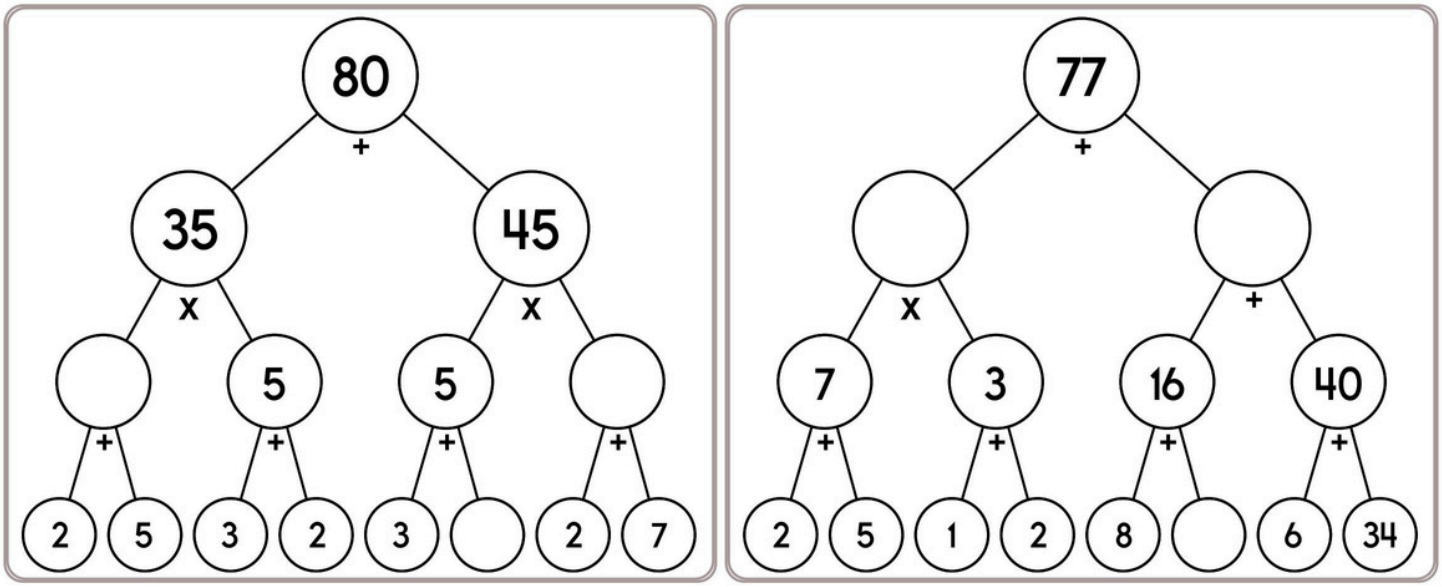
Simplify.

$\frac{266}{342} =$

Name: _____







575.7
+976.947

195
- 74

Change 0.41 to a percent.

word root **mote** can mean **move** **commotion, promote, promotion**

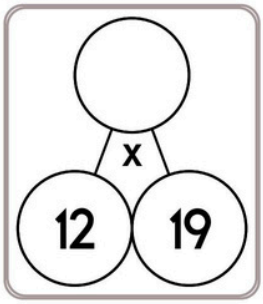
Name: _____

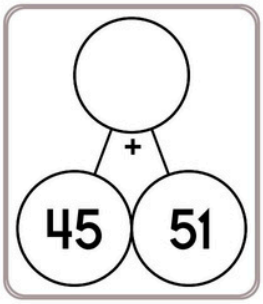
110 x 11 10	x 10 11	x 10 12	x 6 5
x 7 6	x 12 11	x 5 3	x 9 10

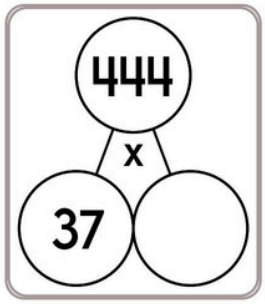
6 x 8 =	6 x 9 =	5 x 2 =
9 x 6 =	3 x 7 =	6 x 4 =
9 x 3 =	9 x 2 =	3 x 4 =
9 x 7 =	4 x 2 =	6 x 3 =

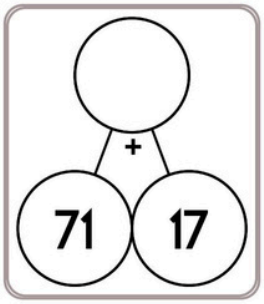
4 x ___ = 20	8 x ___ = 40	___ x 3 = 15
___ x 6 = 24	9 x ___ = 90	12 x ___ = 24
___ x 7 = 56	___ x 9 = 90	7 x ___ = 77
3 x ___ = 18	___ x 12 = 84	___ x 5 = 25

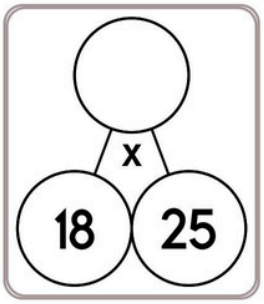
Name: _____











$9 \times 90 \div 9 - 55 \div 11 =$

$13.2622 \times 10^{4} =$

$(2 + 17) + 7 = 2(v + 7)$

What is the value of v?

0.7×0.5

Rewrite $\frac{9}{25}$ as a decimal.

If h = 7 and b = -15 then what is the value of m?
$6h + 10b - 2b = m$

$0.1\,(0.3\,(0.1 + 8)) =$

Simplify.

$\frac{24}{64} =$

$|-5| - t = 2$

t =

Rewrite as an algebraic expression or equation.

Five thousand, five hundred ninety-three minus the product of h and 23.7.

Write as an algebraic expression.

$46\frac{1}{12}$ divided by the sum of s and h

What is the mode of the following number set?

88, 88, 86, 92, 86, 80, 86, 79, 92, 77, 82, 89, 85, 90, 83, 91

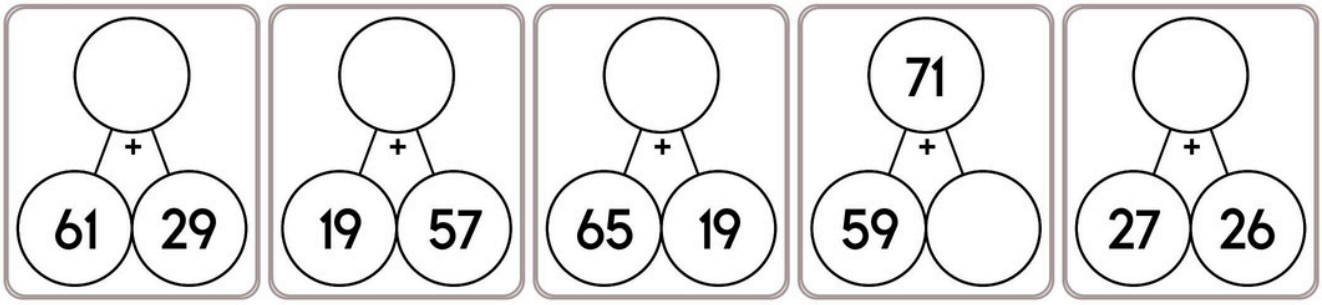
Name: _____

54 = ? x 9	14 = ? x 7	6 = 2 x ?	27 = 9 x ?
14 = 7 x ?	12 = 3 x ?	45 = ? x 5	36 = ? x 6

80 - 9 =	53 - 8 =	65 - 5 =
18 - 8 =	81 - 9 =	98 - 9 =
62 - 4 =	75 - 3 =	54 - 7 =
44 - 2 =	91 - 3 =	85 - 4 =

73 - 4 =	96 - 2 =	48 - 3 =	13 - 7 =	90 - 6 =	13 - 8 =
60 - 6 =	65 - 3 =	85 - 5 =	81 - 9 =	83 - 4 =	32 - 6 =

Name: _____



244 is what percent of 305?

Change $\frac{228}{36}$ to a mixed number.

48 + 75 + 36 =

$$\begin{array}{r} 454 \\ 590 \\ +\ 912 \\ \hline \end{array}$$

$$\begin{array}{r} 19{,}085 \\ 88{,}461 \\ +\ 99{,}234 \\ \hline \end{array}$$

Change $\frac{1}{2}$ to a decimal.

$$\frac{4}{8} - \frac{1}{8}$$

Reduce $\frac{12}{24}$ to its lowest terms.

$$8 - 1\frac{4}{6}$$

Name: _____

April wants to buy 4 Russian language tapes at $13.65 each, a Russian/English dictionary at $13.75, and 2 sets of Russian vocabulary cards at $5.34 each. She has $55. How much more money does she need to buy all of the items?

If a rubber band can be stretched to a circular shape that has a radius of 2.4 inches. How many 1.1-mm diameter toothpicks of could fit within it? (1 inch = 25.4 mm)

There were $15\frac{1}{2}$ cheese wheels in the cooler at Max's restaurant. Max directed Hunter to cut the wheels into usable sized pieces, each piece being $\frac{1}{8}$ of a cheese wheel. How many pieces were there when Hunter was done with the cutting?

Adam is in charge of laying out the sports pages for the school yearbook. He can use small, medium, or large pictures and place them horizontally or vertically. Draw a tree diagram to illustrate the number of choices he has.

David and Maria are going to the pet store to buy a pet rabbit. They can buy a black rabbit, a white rabbit, or a white rabbit with black spots. The rabbits have lopped ears or straight ears. Make a tree diagram to show the possible choices.

The ad says that the detergent is "99.46% pure." Ms. Allen paid $6.92 for a 2-pound box of this detergent. How much did she pay for the impurities?

Name: _____

Write the place value that is 1 times as great as the hundreds place.

At the science fair, Anne and Justin put together their own remote control vehicles. Mrs. Thompson is walking around in the back of the school to check them out.

"My model truck can go 14.3 mph, and its battery can last 34 minutes," says Anne.

"Well, my car can go 14.9 mph," interrupts Justin. "And it can last 31 minutes."

Mrs. Thompson decides to put them both on a track to test. She runs them both for 39 minutes without any additional charges. Which car will go farther? By how many miles?

Megan has a new job working at Pizzeria Magpie. She loves it, but she can only work four hours on Monday, four hours on Tuesday, and eight hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid $12.90 per hour. How much will her first paycheck be?

Name: _____

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

6 + 8 x 10 + 11	What number is halfway between 56 and 60?	Amanda has 25 nickels. How much money is that?
Emily bought a stuffed animal at the school store. She paid with a $10 bill. She was given back 3 dimes and 6 quarters for change. How much was the stuffed animal?	575 + 6 =	Which number is a 4-digit odd number?
(9 - 2) x 10	Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?	What 5 coins add up to 42 cents?
Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{9}{11}$ would go. Is $\frac{9}{11}$ closer to 0, $\frac{1}{2}$, or 1?	How many meters are there in 118 kilometers?	It was 3 degrees above zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

What is the sum of 10 and 321?	Round 123 to the nearest ten.	How many tens are in the number 6,000?
Hannah bought six candy bars. It cost $3.12. How much did each candy bar cost?	At 4 p.m. today, Holly will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?	$14 + \_\_\_ + 25 = 56$
Write $\frac{3}{12}$ in lowest terms.	(256) , (64) , (16) , _____, (1) , $\frac{1}{4}$, $\frac{1}{16}$, $\frac{1}{64}$	It was 3 degrees below zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?
7, 9, 11, 13, _____, 17	36 is a multiple of 6 and 3. 20 is a multiple of ___ and ___. 21 is a multiple of ___ and ___.	$5\frac{4}{9} + 3\frac{6}{9}$

Name: _____

Complete each pattern. Write what the rule is.

$5\frac{2}{3}$, $5\frac{1}{3}$, 5, $4\frac{2}{3}$, $4\frac{1}{3}$, 4, $3\frac{2}{3}$, $3\frac{1}{3}$, 3,

$2\frac{2}{3}$, $2\frac{1}{3}$, 2, _____ , _____ , 1, $\frac{2}{3}$, $\frac{1}{3}$

$5\frac{2}{3}$, $5\frac{1}{3}$, _____ , _____ , $4\frac{1}{3}$, 4, $3\frac{2}{3}$, $3\frac{1}{3}$, 3,

$2\frac{2}{3}$, $2\frac{1}{3}$, _____ , $1\frac{2}{3}$, $1\frac{1}{3}$, 1, $\frac{2}{3}$, $\frac{1}{3}$

Subtract $\frac{1}{3}$

Complete each pattern. Write what the rule is.

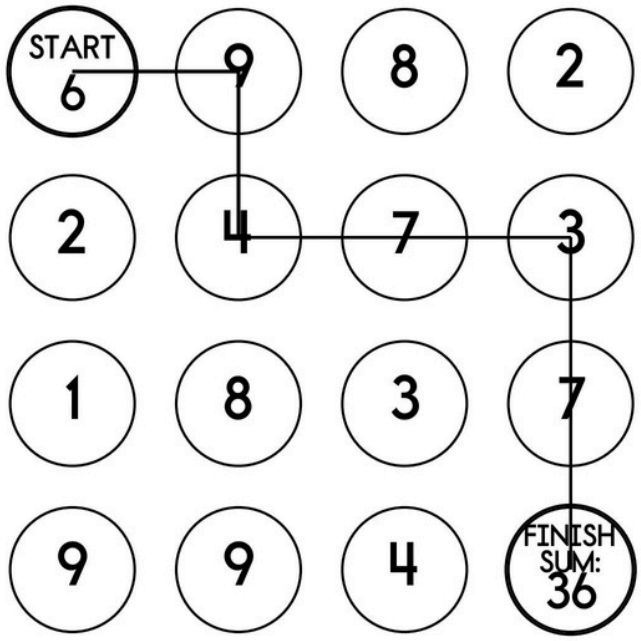
82, 75, 68, 62, 56, 51, 46, 42, _____, _____, 32, 30, 28, 27, 26

69, 62, 55, 49, 43, 38, 33, 29, _____, _____, 19, _____, _____, 14, 13

_____, _____, 86, 80, _____, 69, 64, 60, 56, 53, 50, 48, 46, 45, 44

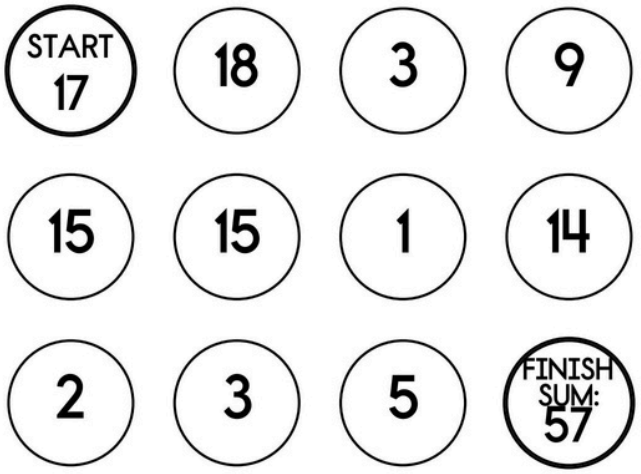
Name: _____

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



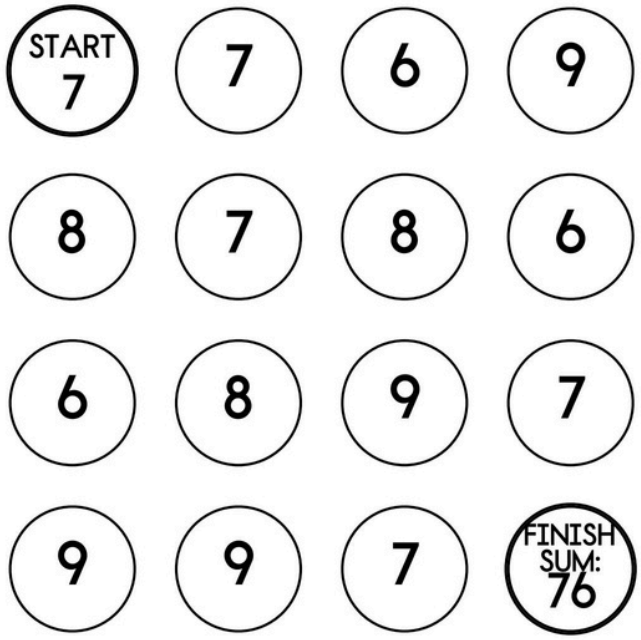
6 + 9 + 4 + 7 + 3 + 7 =

36

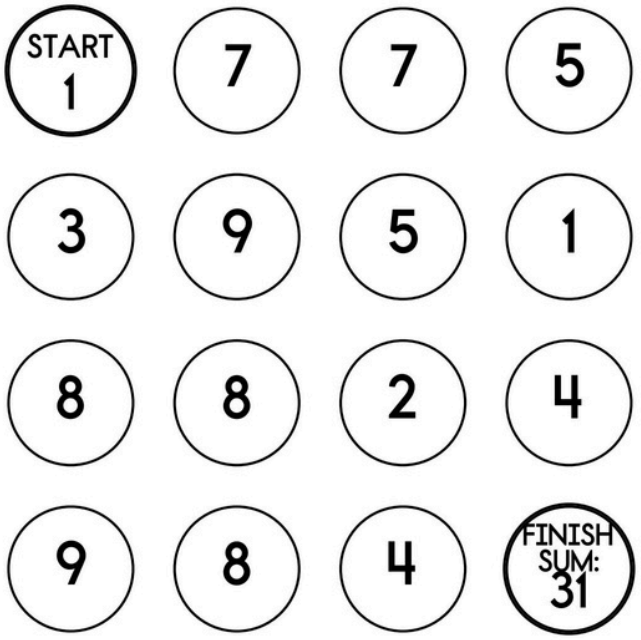


17 + 15 + 2 + _____ + _____ +

_____ + _____ = 57



Did you find a path? Write the equation.

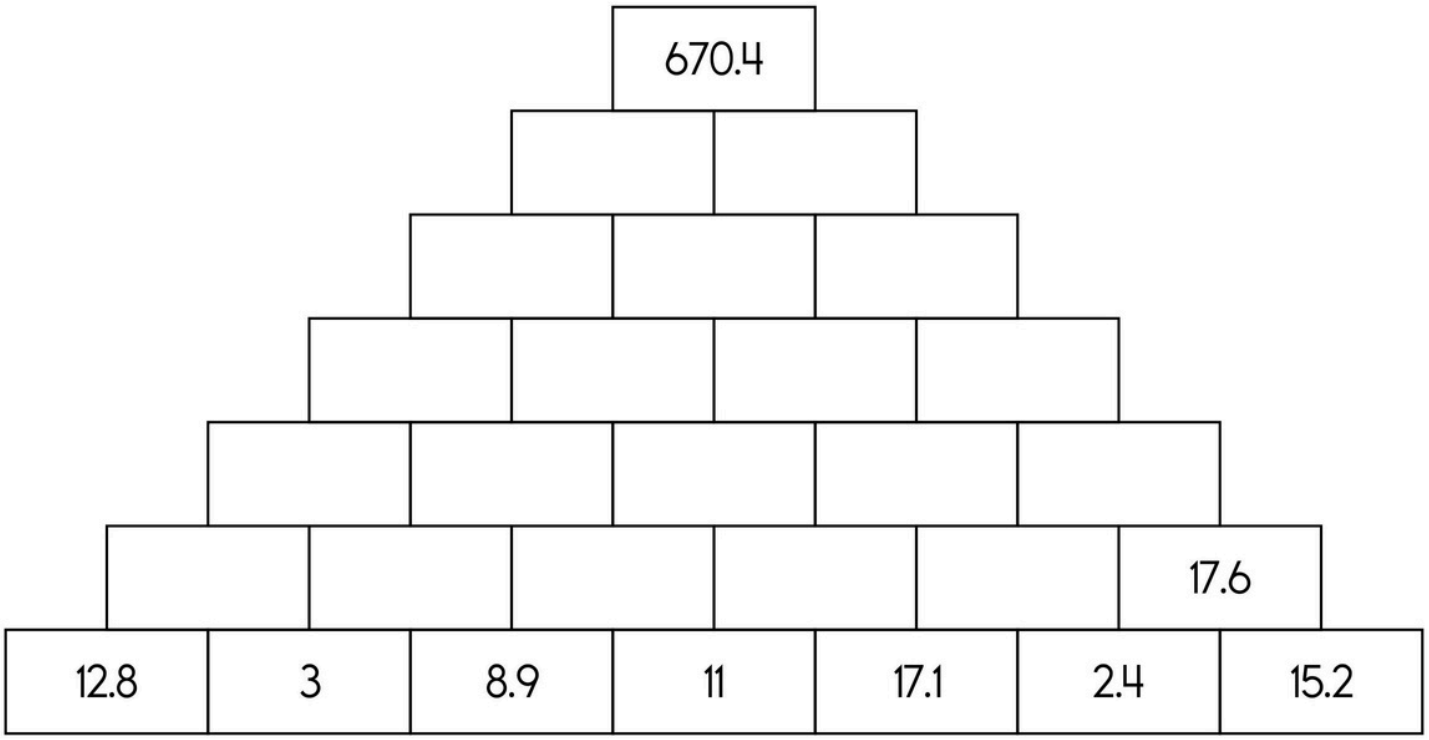


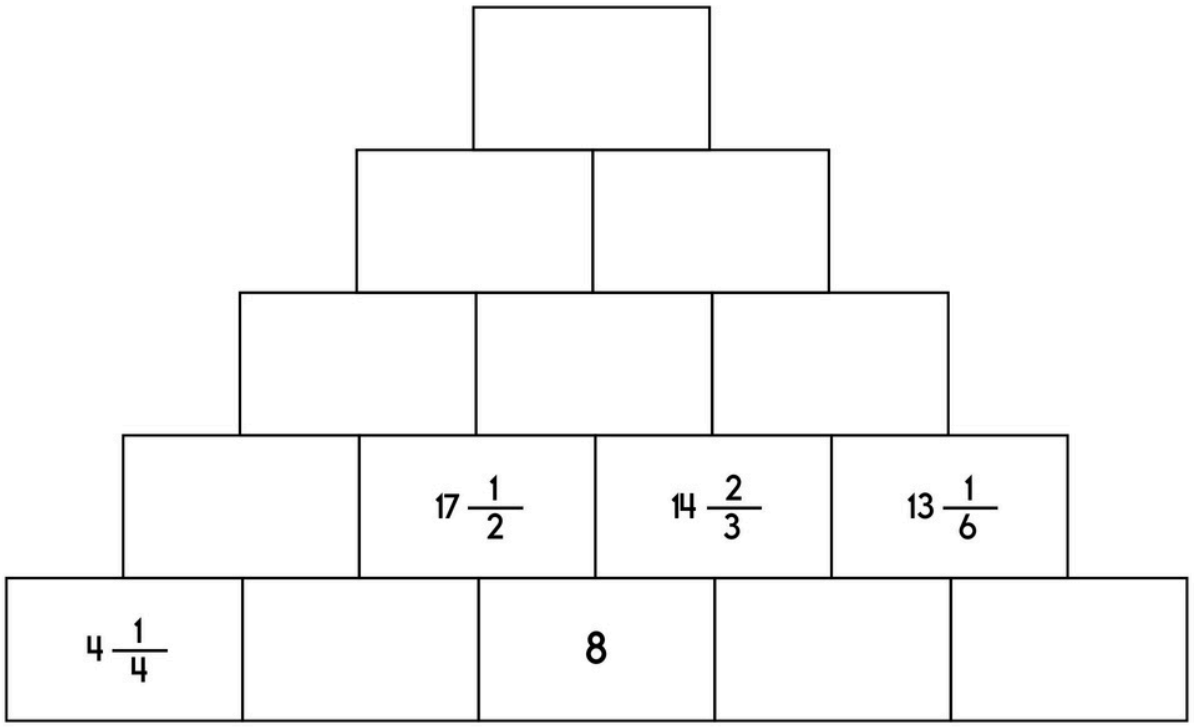
1 + ___ + ___ + ___ + ___ + ___ =

31

Name: _____

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





Name: _____

Find the way from START to END by passing only through numbers that are multiples of thirteen.

You can go up, down, left, right, AND diagonally!

START	143	91	521	680	577	303	921	314	931
983	663	117	917	621	728	754	102	662	375
972	312	254	286	793	0	65	626	725	199
650	949	522	442	299	611	923	871	340	560
416	556	181	273	533	65	949	624	958	638
403	507	442	624	780	767	598	975	39	728
742	706	215	571	858	351	507	390	889	247
550	958	125	950	39	793	197	713	309	429
613	80	4	35	865	506	185	346	854	923
277	733	272	534	794	959	621	575	778	END

Name: _____

Write each as a decimal.

$4\frac{9}{10}$ =

$8\frac{76}{100}$ =

$16\frac{89}{100}$ =

$13\frac{3}{10}$ =

$18\frac{13}{100}$ =

$4\frac{64}{100}$ =

$$\begin{array}{r} 3.4 \\ \times\ 9.5 \\ \hline \end{array}$$

Convert to a fraction or mixed number and simplify.

Change $\frac{1}{4}$ to a decimal.

Change $\frac{19}{25}$ to a decimal.

Use >, <, or = to complete.

26.38 ___ 26.4

15.1 ___ 15.10

28.6 ___ 28.75

136 ___ 137.5

181.64 ___ 178

317 ___ 320.98

107.8 ___ 109

$705\overline{)28.2}$

$0.28\overline{)8.988}$

Write the decimal in words.
12.02

Name: _____

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

78% of 50	100% of 186	40% of 195	75% of 116
93% of 200	44% of 50	18% of 200	24% of 150
20% of 130	26% of 100	87% of 100	25% of 76
55% of 40	30% of 130	19% of 100	65% of 120

$$\begin{array}{r} 14{,}350 \\ 142{,}736 \\ +\ 974{,}307 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ +\ 52 \\ \hline \end{array}$$

$$\begin{array}{r} 75{,}577 \\ -\ \ \ 48 \\ \hline \end{array}$$

A toy car can go 4 mph. How long would it take to go 10 miles?

What is 50% of 510?

$9 \div 1 \times 8$

$39 + n = 57$

What is the value of n?

$6\frac{1}{9} + 3\frac{5}{9}$

$4 + 10 \times 3 - 7$

Name: _____

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

The least common multiple of 12 and 16 is _____

The least common multiple of 3 and 4 is _____

The least common multiple of 10 and 12 is _____

The least common multiple of 6 and 10 is _____

The least common multiple of 8 and 14 is _____

Write the decimal in words.
6.0016

Write the decimal number for:
six thousandths

Rewrite as a vertical equation and solve.
277.37 + 277.37 + 823.291

$$\begin{array}{r} 43 \\ \times\ 8 \\ \hline \end{array}$$

Write the decimal number for:
seventy-seven thousandths

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

Name: _____

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

He added $1\frac{1}{4}$ cups of Cheerios, $2\frac{3}{5}$ cups of Goldfish crackers, and $\frac{4}{7}$ cup of pretzels.

How many cups of food are now in the bowl?

Round 6,707 to the nearest thousand.

The perimeter of a rectangle is 24 cm. The longer side is 9 cm. How long is the shorter side?

It was 2 degrees below zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

What 3 coins add up to 16 cents?

Round the decimal 0.675 to the nearest hundredth.

How much time is it from 6:00 a.m. to 10:35 a.m.?

3,569 + 3,715 = _____

26 km = _____ m

Name: _____

Eric plays shortstop for the Littleville baseball team. He is an excellent base runner. He is successful in stealing second base 85% of the time and successful stealing third base 69% of the time. He attempted to steal second 22 times and third 9 times last year. What fraction of his attempts failed?

If eighteen and five hundredths percent of the volume of gas in a storage tank is oxygen, then all the other gases in the tank make up what percent of the volume of the gases in the tank?

Professor Floop inspected the glassware in the storeroom once a month. There were 1500 pieces of glassware at the beginning of the semester. The first month he found two items that were cracked. The second month he found four. The third month he found five. After his fourth and final inspection of the semester, he calculated that on average there were 4.5 pieces damaged per month. How many damaged pieces must he have found during the last inspection?

Emily estimated the length of a garden slug to be two and seven tenths inches. Rosa estimated the length of the same garden slug to be two and thirty-five hundredths inches. By how much did Emily's estimate differ from Rosa's?

The ratio of iron atoms to chromium atoms in a water sample from the treatment pond at Z-Globe is 11 to 3. If there are 158 chromium atoms in a liter of the water, how many iron atoms are there in a liter? Round your answer to the nearest whole number if needed.

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

Name: _____

Holly has 45 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

The Zippy Zoo is special.

"Why?" asks Sally.

"Just look!" yells her brother.

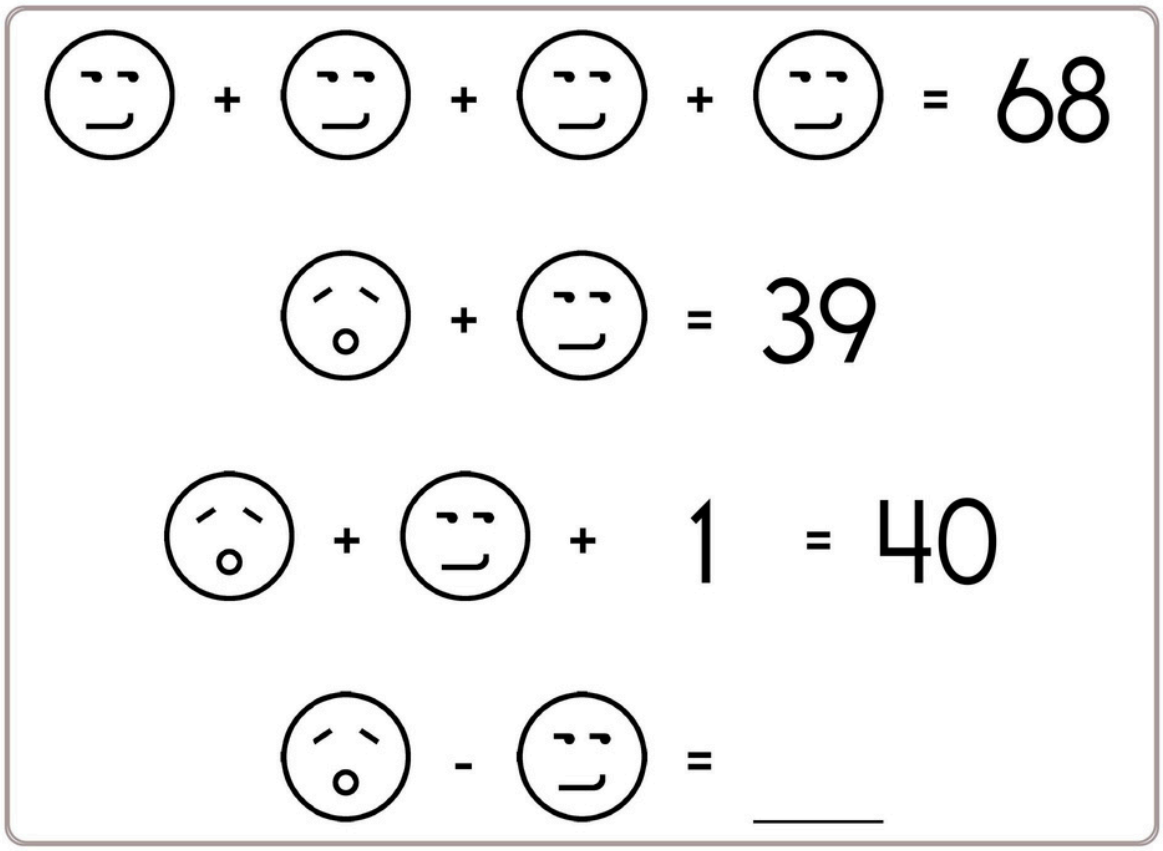
It is obviously special because all they have are zebras. A total of 84 of them! The cool part is that 2 out of every 7 zebras at Zippy Zoo are not real zebras. They are robots.

"Wow," says Sally. "How many robot zebras are there?"

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.

Then write the correct answer!



2 before 19 _____	6 after 13 _____	5 after 12 _____
3 before 17 _____	2 after 17 _____	3 after 14 _____
7 before 16 _____	4 after 16 _____	9 after 15 _____
6 before 13 _____	7 after 11 _____	1 after 18 _____
9 before 14 _____	8 after 19 _____	8 after 18 _____
8 before 90 _____	4 after 67 _____	7 after 22 _____

Name: _____

$$\begin{array}{r} 70 \\ \times\ \ 3 \\ \hline \end{array}$$

$$29\overline{)414}$$

Divide and write remainder.

$$\begin{array}{r} 9 \\ 4 \\ 5 \\ +\ 3 \\ \hline \end{array}$$

Write the reciprocal.

$\frac{20}{2}$

$3\frac{3}{4} \times \frac{1}{6} =$

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

Change $\frac{27}{50}$ to a decimal.

Change $\frac{8}{10}$ to a percent.

Change 0.89 to a percent.

Find 5% of 184.

Change $\frac{3}{4}$ to a decimal.

Find 67% of 157.

Name: _____

Divide and write remainder.

$47 \div 6 =$

$57\overline{)3192}$

Divide and write remainder.

Find the sum of 47, 26, 269, and 112.

$3\overline{)211}$

Divide and write remainder.

$4\overline{)5962}$

Divide and write remainder.

$8\overline{)324}$

Divide and write remainder.

$$\begin{array}{r} 75 \\ \times\ 88 \\ \hline \end{array}$$

$$\begin{array}{r} 21{,}509 \\ \times\ \quad 8 \\ \hline \end{array}$$

$7\overline{)553}$

Divide and write remainder.

Name: _____

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

A

+	85	**98**	73
	60	21	**44**
	91	43	**54**
	27	57	69

Find an addition fact.

B

+	39	**11**	72
	9	97	5
	36	16	59
	12	22	32

Find an addition fact.

C

+	**55**	59	4
	84	73	28
	12	33	38
	30	62	82

Find an addition fact.

Equations:

Write the equation facts you found.

A	54	+	44	=	98
B		+	11	=	
C	55	+		=	

---

1 cm = 10 mm

27 cm = _____ mm

In the number 423,634,650, the digit 0 is in what place?

_____

$$\begin{array}{r} 32 \\ +\ 36 \\ \hline \end{array}$$

Circle the greatest number:

23,895,930
7,612,980
453,561,279,403
147,065

5 x 8 = _____

$$\begin{array}{r} 579 \\ -\ 347 \\ \hline \end{array}$$

$$\begin{array}{r} 386 \\ +\ 499 \\ \hline \end{array}$$

word root **il** can mean **not** **illiterate, illegible**

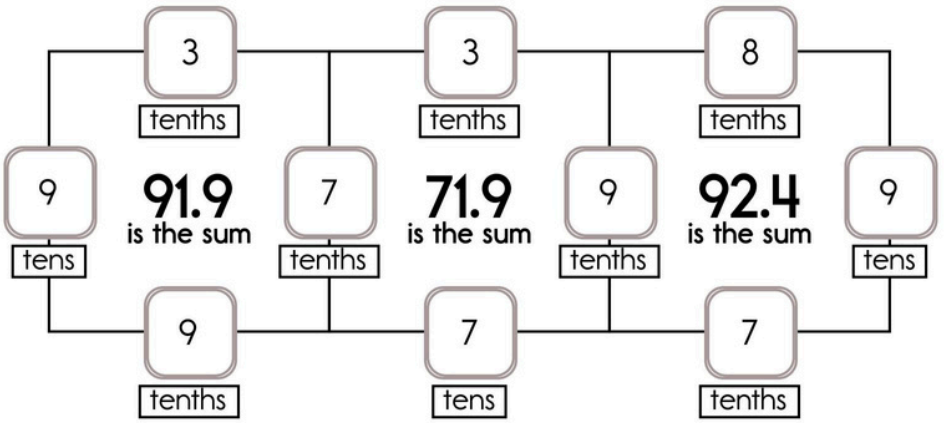
Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
90 + 0.7 + 0.3 + 0.9 = 91.9

Example:
0.9 + 90 + 0.8 + 0.7 = 92.4

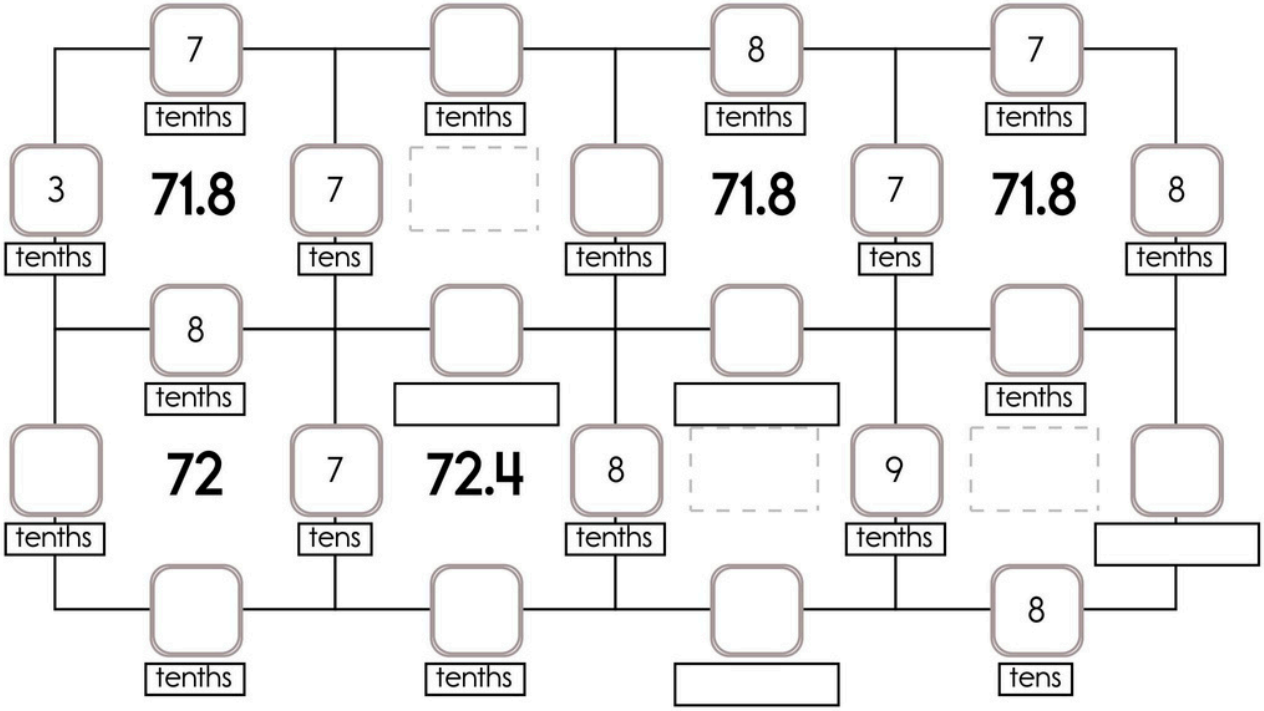
Sample:



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: 8 tens, 9 tens, or 7 tens.

The other three numbers have to all be DIFFERENT and must be from these: 3 tenths, 9 tenths, 7 tenths, or 8 tenths.



Name: _____

Find the missing numbers.

If

1 , 1 = 2

2 , 2 = 4

3 , 3 = 6

4 , 4 = 8

Then

8 , 8 = ?

If

8 , 8 = 64

9 , 9 = 81

10 , 10 = 100

11 , 11 = 121

Then

16 , 16 = ?

Hint: The answer is NOT 10.

Complete each pattern. Write what the rule is.

35435, 54353, 43535, 35354, 53543, 35435, 54353,

43535, 35354, 53543, 35435, 54353, 43535, _____

54736, 47365, 73654, 36547, 65473, 54736, 47365,

_____, 36547, 65473, 54736, 47365, _____, _____

Name: _____

Ms. Garcia is planning a trip to the Museum of History on the date of Thailand's New Year. A total of 125 students are going on the trip. Each bus will hold 48 students. How many buses will be needed?

Rosa made a book for her little sister. On each page she wrote a limerick and illustrated it. It took her 20 hours to make the book. If she spread the 20 hours of work out over 7 days, what was the average amount of time she worked on it each day?

Nathan left school with $15. He had $3.25 left after buying a book about inventors for $6.95, 2 snacks for $0.75 each, a drink for $1.45, and paying for a bus ride home. How much did he pay for the bus ride?

The deepest lake in the world is Lake Baikal in Russia. Lake Baikal is 1637 meters deep. Approximately how many feet deep is Lake Baikal?

The world's biggest pizza was made in Norwood, South Africa, in 1990. The diameter of the pizza was 37.3 meters. What was the area of the pizza?

Kevin needs $36.87 to buy flowers for his mother on Forget Me Not Day. He has $9.50. If he saves $4.50 each week, how many weeks will it take him to save enough money to buy the flowers?

Name: _____

Mr. Martinez, the librarian at Fairview Elementary School, is retiring after working at the school for 27 years. The students are having a party to thank him for all the things he has done to help them. The party will start at 3:00 p.m. Jacob has to shelve 56 more books before he can go to the party. It is 2:27 p.m. right now. How long does Jacob have to shelve the books before the party begins?

Megan and Rose went on a hike yesterday. They love to go on hikes in the spring before it gets too hot! The trail they followed is in the shape of a triangle. The height of the triangle is 164 yards. The base is 223 yards. Trees have been planted inside the triangle. If one tree needs 66 square feet to grow, how many trees can be planted inside the triangle?

Hannah looked at the prices of the fancy pens and quickly estimated (to the nearest dollar) the cost of a typical fancy pen. The prices were $2.89, $2.18, and $6.51. What is the cost of a typical fancy pen, and how did she do it?

Live coverage of the Boston Marathon begins at 11:30 a.m. and lasts until 2:30 p.m. On the same day, it will be re-aired from 5:00 p.m. to 7:00 p.m. How much television time will be devoted to the Boston Marathon?

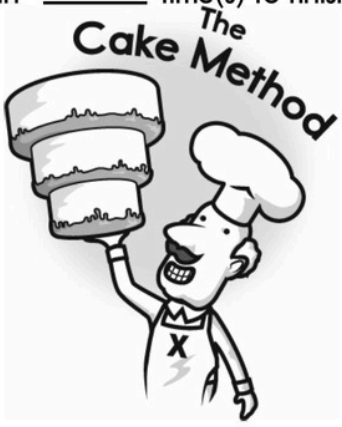
In the election of 1860, Lincoln received 1,865,593 popular votes, 37% of the total votes cast. How many people voted in the 1860 election? Round your answer to the nearest whole number.

Name: _____

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.



3 | 66 36

2 | 22 12

11 6

LCM: 6 x 11 x 6 = 396

5 | 50 55

LCM: _____

2 | 60 66

LCM: _____

3 | 18 30

LCM: _____

5 | 45 55

LCM: _____

36 60

LCM: _____

36 22

LCM: _____

84 42

LCM: _____

Name: _____

Spin again.

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

Find the LCM using the Birthday Cake method.

2 | 50 30 5 | 25 15 5 3 LCM: 2 x 5 x 5 x 3 = 150	3 | 30 54 2 | 10 18 LCM: _____
2 | 90 216 LCM: _____	6 | 60 72 LCM: _____
64 80 LCM: _____	40 80 LCM: _____
18 22 LCM: _____	

Name: _____

Mental Math — #1 —

- Start with the number 703. **703**
- Add the number of inches in 3 feet. _____
  1 7 7 3 9 0 6 3 3 3 (Circle your answer to double check you are correct.)
- Add one-third of a dozen. _____
  9 5 3 5 7 4 3 9 7 9
- Add the number of ounces in 2 pounds. _____
  3 9 4 8 5 7 7 5 8 2
- Round that number to the nearest hundred. _____
  9 8 0 0 7 4 3 2 5 5
- Add half of 54. _____
  9 1 5 3 3 7 8 2 7 9

Mental Math — #2 —

- Start with the product of 12 and 10. _____
  1 2 0 8 1 3 3 7 5 9 (Circle your answer to double check you are correct.)
- Subtract 23. _____
  3 3 8 7 1 0 6 9 7 3
- Increase that number by 11. _____
  5 9 1 0 8 0 7 4 4 5
- Divide that number in half. _____
  3 7 1 9 9 1 5 4 4 6
- Increase that number by 13. _____
  7 6 7 3 1 5 8 5 6 9
- Subtract 15. _____
  3 1 5 5 5 2 1 9 4 9

Name: _____

Cross off the number that does NOT belong.

6, 8, 10, 12, 13, 14, 16

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(50,388,480), (8,398,080), (1,399,680), (233,280),

(38,880), (6,480), (2,568), (1,080),

(180), (30)

Why does _____ not belong in the pattern?

Name: _____

Get a fidget spinner! Spin it.

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

$7 - 7 + 99 \div 9 + 6 - 7 - 8 =$ _____

$7 - 7 + 12 =$ _____

$(6 \times 3) \times 7 - 7 - 3 =$ _____

$4 + 6 \times 3 =$ _____

$(8 + 2) + 9 - 4 - 2 + 8 =$ _____

$7 + 7 - 1 =$ _____

$5 + 56 \div 7 - 6 =$ _____

$12 \times 11 + 10 =$ _____

$9 \times 5 + 8 \times 3 - 3 \times 5 =$ _____

$64 \div 8 - 6 =$ _____

$6 \times (8 \times 4) - 3 + 5 =$ _____

$(5 + 10) \times 6 =$ _____

$8 + 1 - 1 - 2 + 63 \div 7 \times 2 =$ _____

$9 + 4 + 1 =$ _____

$4 \times 3 - 7 - 1 + 6 + 2 - 8 =$ _____

$(3 \times 12) + 12 =$ _____

$7 \times 3 - 1 + 7 + 7 =$ _____

$8 \times 6 - 8 + 9 =$ _____

$7 \times 4 + (120 \div 12) =$ _____

$12 \times 12 - 9 =$ _____

$4 \times 8 + 24 \div 8 + 9 =$ _____

$11 + (10 + 2) =$ _____

$6 - 3 - 2 + 24 \div 2 =$ _____

$9 + 5 + 5 =$ _____

$1 \times 5 - 4 + 2 =$ _____

$99 \div 11 \times 9 =$ _____

$3 - 2 + 2 \times 5 + 36 \div 9 =$ _____

$7 + (8 \times 11) =$ _____

$1 \times 4 + 4 \times 5 + 4 - 6 + 1 =$ _____

Name: _____

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

18, 36, 54, _____, 90, 108, 126

It was 8 degrees below zero in the morning. By afternoon the temperature rose 28 degrees. How warm was it?

Write $\frac{15}{20}$ in lowest terms.

5, 12, 1, 10, 20, 10, 15, 28, 1, 20, 36, 4, 25, 44, 1, 30, 52, 2, _____, 60

The area of a rectangle is 48 cm^2. What could the length of the 4 sides be?

$4\frac{3}{5} + 3\frac{3}{5}$

Pick the family fact that is missing.

17 x 8 = 136

136 ÷ 17 = 8

136 ÷ 8 = 17

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

2 x 33 ÷ 11

$9 \div \frac{1}{5}$

Round 11,305 to the nearest thousand.

What is the area of a rectangle with sides 4 cm and 6 cm?

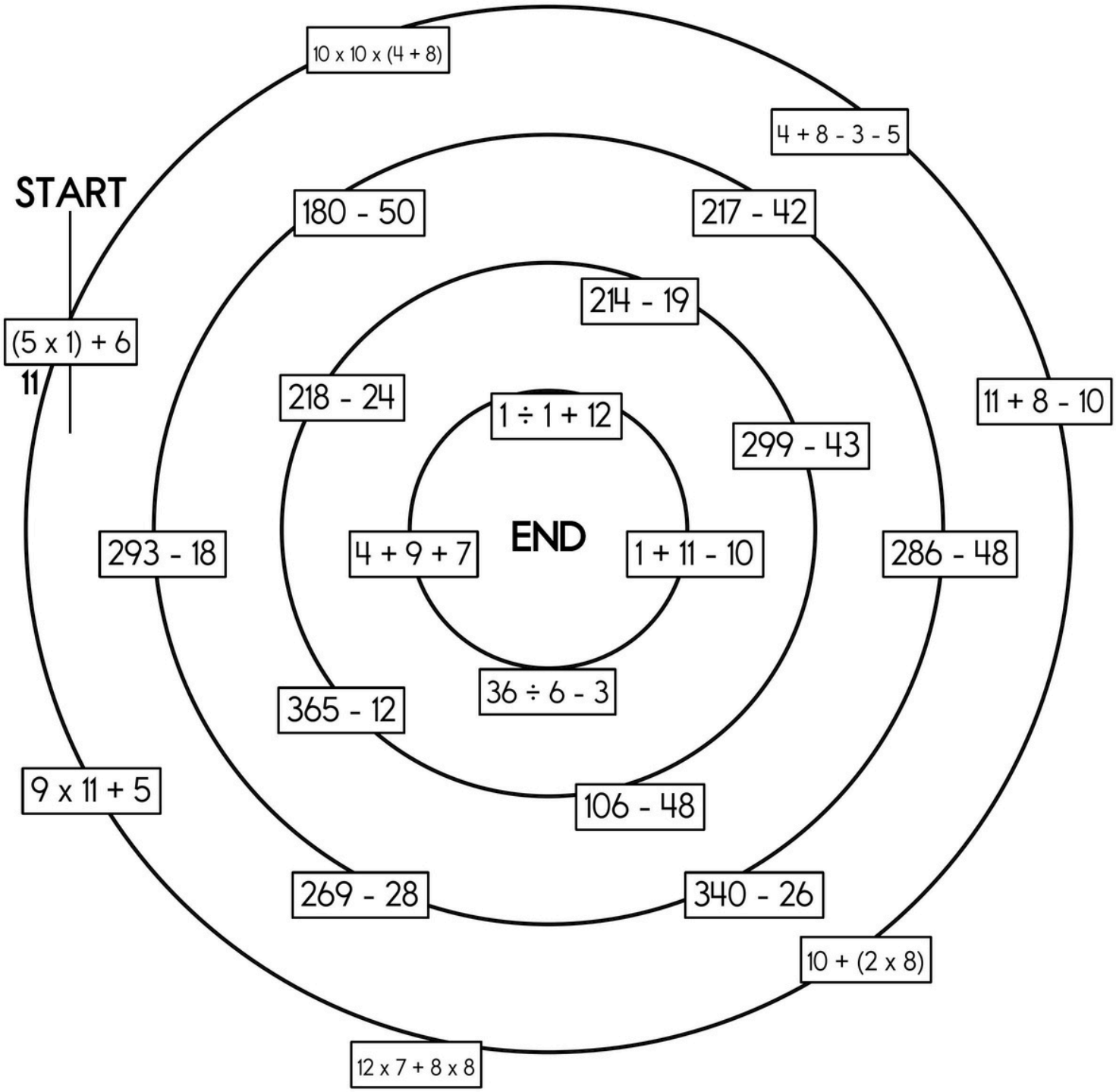
Name: _____

Draw a line from START to END.

195 175 ~~11~~

20

Cross out the number you use above and then write it below.



Name: _____

What is the greatest common factor of the numbers 104 and 91?

190, _____, 210, 220, 230,

240, 250

$18.6592 \times 10^3 =$

Simplify.

$\frac{22,800}{26,600} =$

Rewrite $\frac{18}{25}$ as a decimal.

In what quadrant would you find the point (7, 5)?

4 x 8 - 10 - 4 + 4

If d = 9 and s = -53 then what is the value of m?
4d - 10s - 3s = m

Simplify.

$\frac{21}{24} =$

10 + 4 x 11 + 3 - 1

14c - 15.3 = 82.7

c =

0.8 (0.6 (0.8 x 8)) =

Simplify.

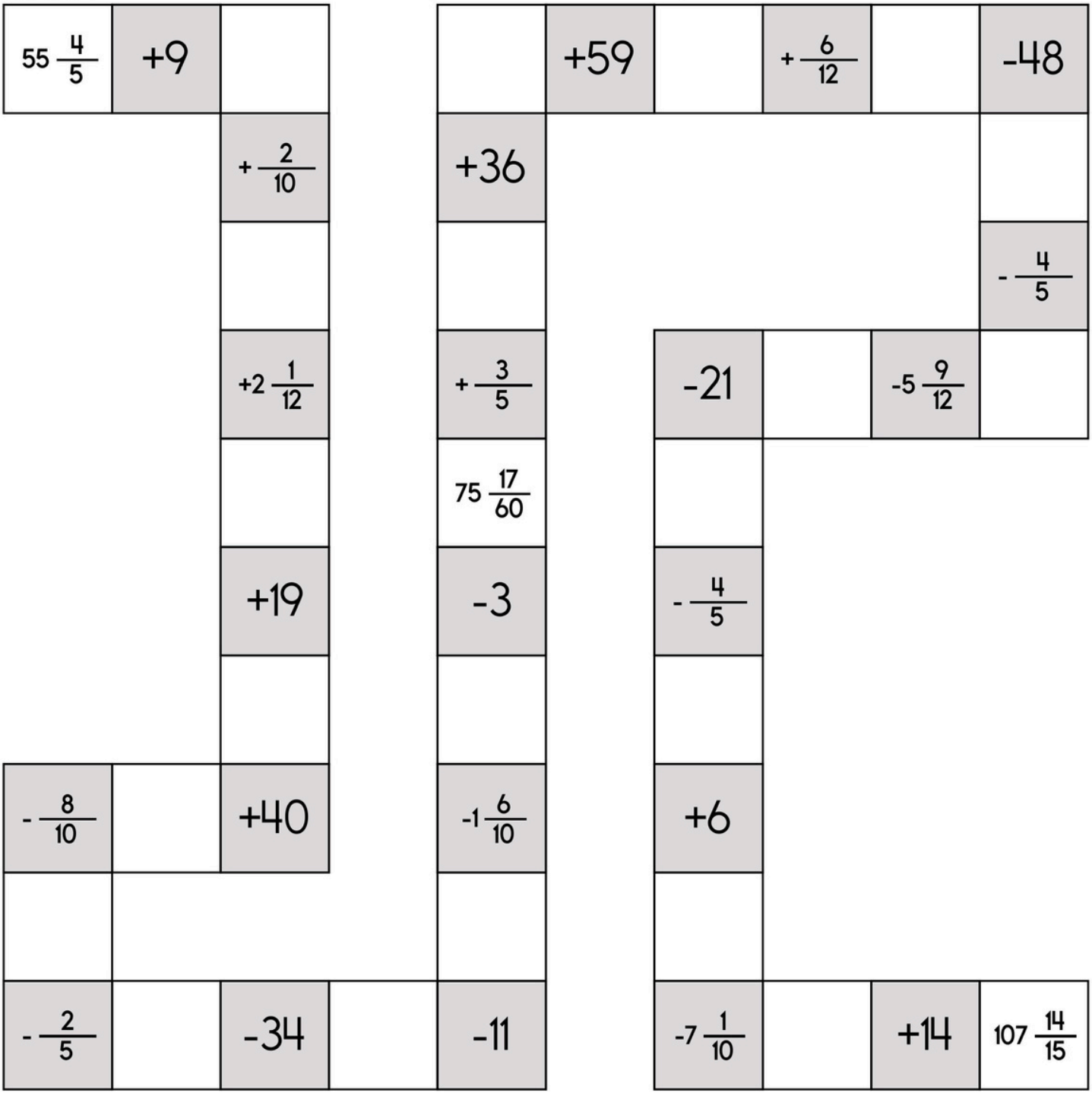
$\frac{92}{368} =$

Rewrite $\frac{29}{50}$ as a decimal.

Circle the greatest amount:
16%
0.31

$\frac{12}{25}$

Name: _____



80 ÷ 8 = _____

What number is halfway between 34 and 49?

$$\begin{array}{r} 63 \\ -\ 23 \\ \hline \end{array}$$

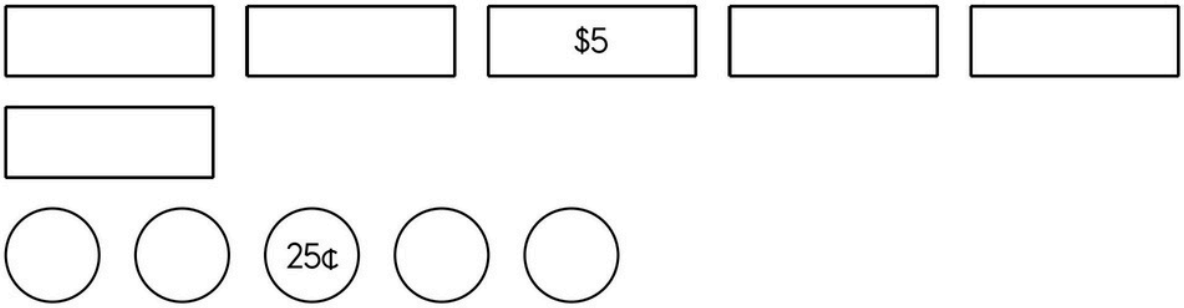
21 ÷ 3 =

word root **acu** can mean **sharp** — **acupuncture, acuity**

Name: _____

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

Max has $40.61. He has 6 bills and 5 coins. How?



Alex has $25.14. He has 2 bills and 11 coins. How?

Sarah has $96.11. She has 9 bills and 7 coins. How?

How many ounces are in 7 pounds?

_____ ounces

28 ÷ 7 = _____

11 x 4 =

Name: _____

It was 4 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?	What is 50% of 1,766?	A rectangle is 50 cm on one side and 8 cm on another side. What is the perimeter?
How many minutes is it from 7:00 a.m. to 10:30 a.m.?	It was 90 degrees outside. What would the temperature be if it got 30 degrees colder?	How much time is it from 8:00 a.m. to 11:45 a.m.?
0.4 (0.5 (0.4 + 3)) =	At the dive meet Nathan received scores of 3.7, 3.7, 5.2, 4.3, and 5.5. 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 Nathan received?	(0.2)(0.14)
If h = 9 and v = -20 then what is the value of j? 4h + 9v - 2v = j	What is the remainder of 46 divided by 7?	7.7415×10^2 =