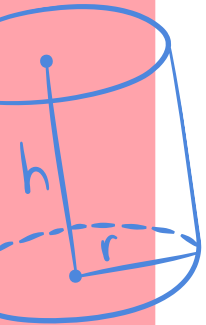


$$M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

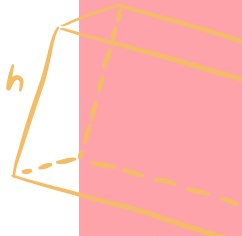
50

Grade 5 Worksheets

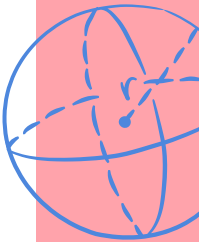
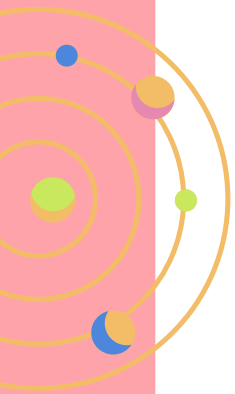
*Inspiring Young Minds with
**Fun, Educational, and
Creative Resources***



$$V = \pi r^2 h$$



$$V = Lwh$$



$$V = \frac{4}{3} \pi r^3$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Name: _____

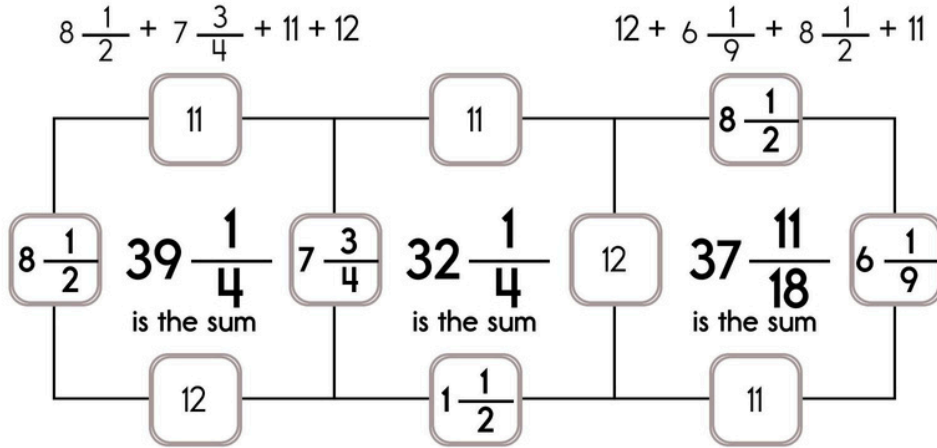
61	-53		+5				-11		+55
				+35			-1		
	$+\frac{4}{9}$		$-\frac{1}{2}$						$-6\frac{1}{2}$
$-7\frac{4}{9}$							$-8\frac{1}{2}$		$-\frac{1}{9}$
	$-\frac{8}{9}$	$39\frac{11}{18}$	$-\frac{1}{2}$		+18				85

9	$-6\frac{1}{3}$		$-\frac{1}{3}$				$-\frac{1}{2}$		-3
				$+\frac{1}{2}$			$+\frac{1}{3}$		148
	-17		+56						-28
+33							$+\frac{1}{3}$		
									$+1\frac{2}{3}$
$-\frac{1}{2}$							$+9\frac{1}{2}$		-38
$74\frac{1}{3}$	-4		+53	$123\frac{1}{3}$	+18		$141\frac{1}{3}$		$83\frac{2}{3}$

Name: _____

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

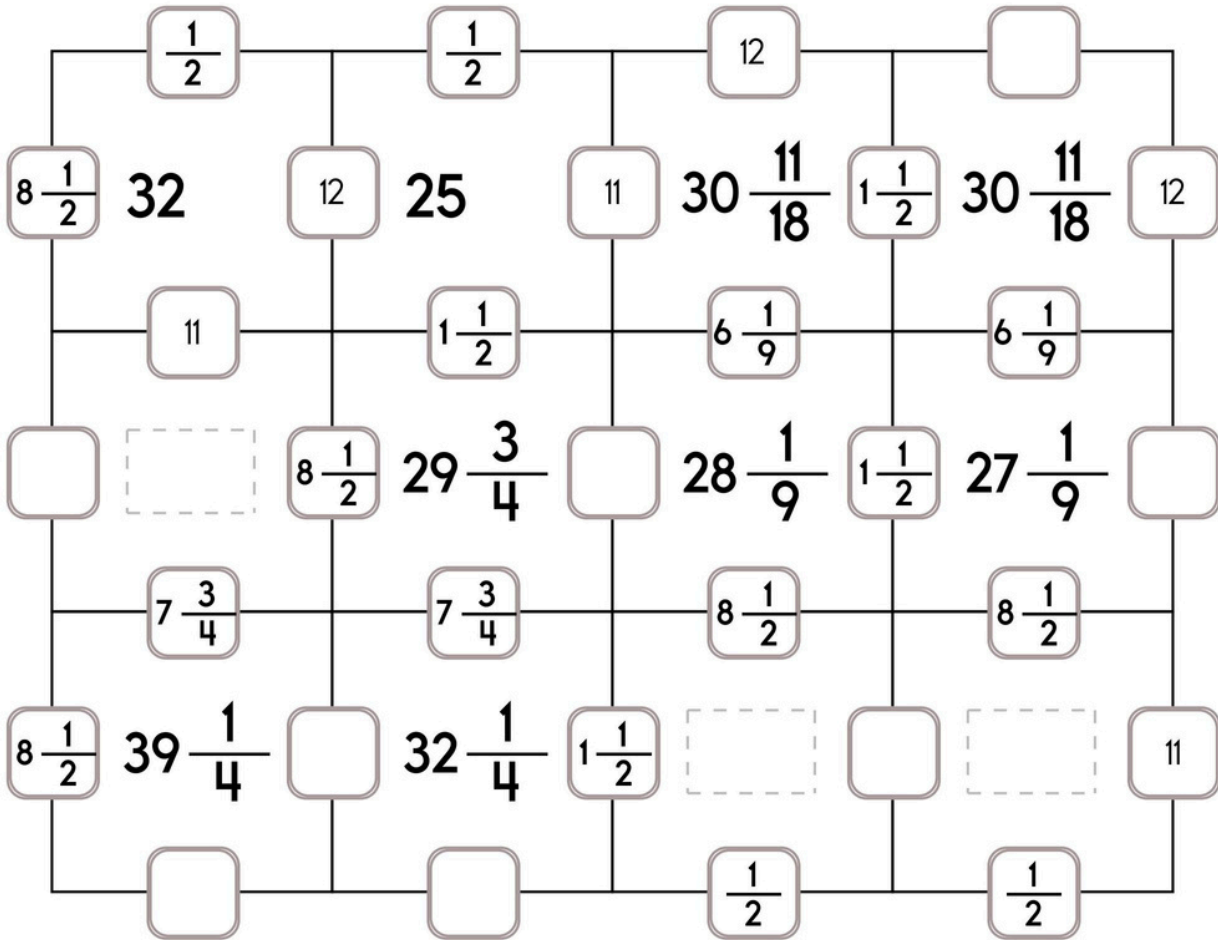
Sample:



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: $\frac{1}{2}$, $6\frac{1}{9}$, or $7\frac{3}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: $8\frac{1}{2}$, 11, 12, or $1\frac{1}{2}$.

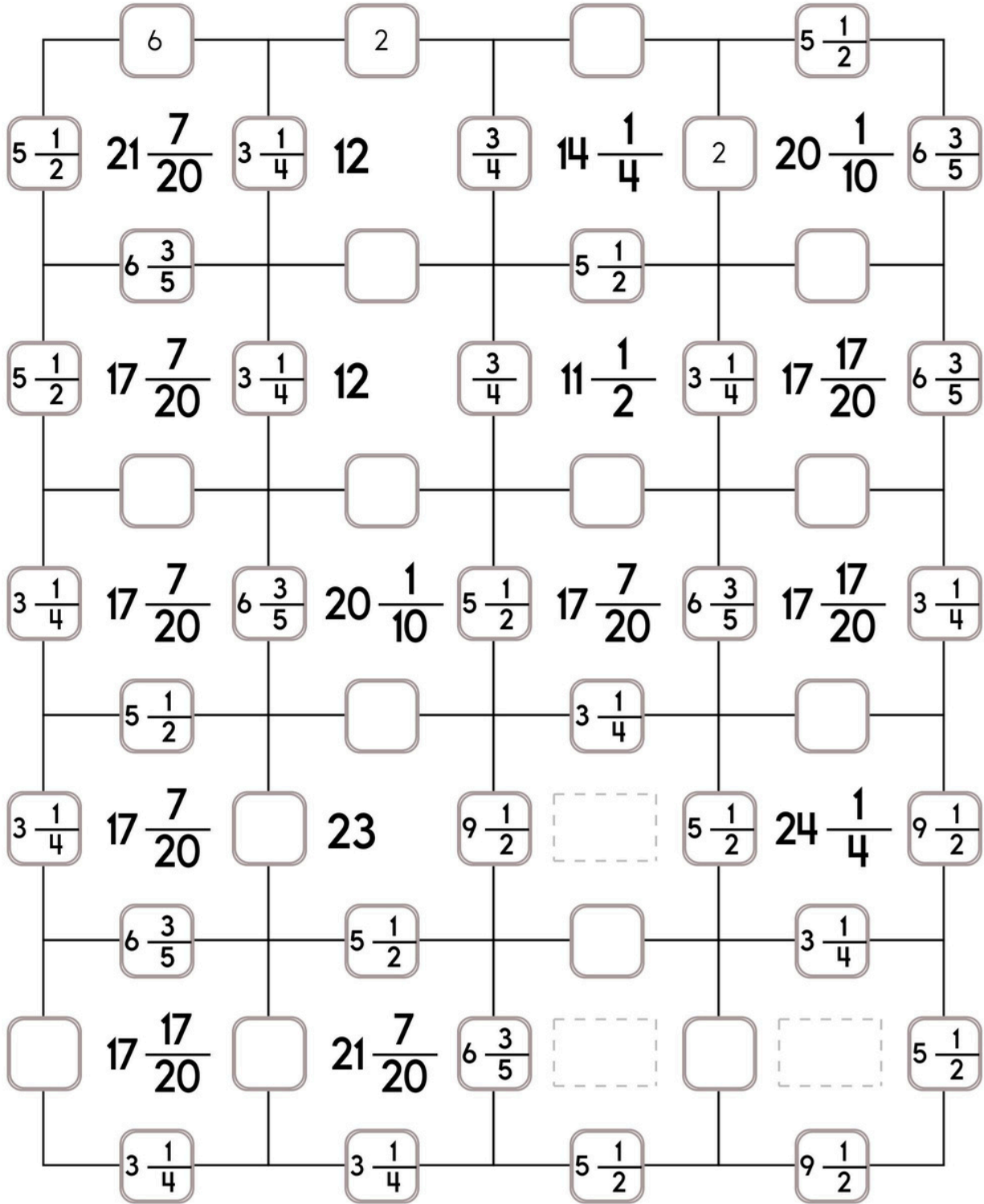


Name: _____

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: $9\frac{1}{2}$, $\frac{3}{4}$, or $6\frac{3}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: $3\frac{1}{4}$, $5\frac{1}{2}$, 6, or 2.



Name: _____

Mrs. Brown bought some fresh tomatoes. The tomatoes cost 87¢ per pound. She spent \$3.48. Write an equation to show how many pounds of tomatoes she bought.

Write an expression to match these words: "There were five boxes with 34 nuts in each box. Ava took 71 nuts to make cookies."

Erin and Sara are at the paint store. They want to paint 2 rooms in their house. Each room has 310 square feet of wall to be painted. "How much paint do you think we should get?" Erin asks Sara.

"This 1 gallon of paint says it should be enough to cover 220 square feet," replies Sara. How many gallons should they get? The store only sells whole gallons.

Pam likes to multiply a number by itself. Why? Nobody knows!

"If I take my favorite number and multiply it by itself, the product will be only 17 away from 42. Can you guess my favorite number?" asks Pam.

word root **demi** can mean **half**

demitasse, demigod



Name: _____

Get a fidget spinner! Spin it.

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

Not Exact

Estimate - With a Good Guess

$19 \div 4 \approx \underline{5}$

$37 \div 4 \approx \underline{9}$

$66 \div 8 \approx \underline{\quad}$

$75 \div 11 \approx \underline{\quad}$

$26 \div 5 \approx \underline{\quad}$

$85 \div 11 \approx \underline{\quad}$

$23 \div 7 \approx \underline{\quad}$

$46 \div 9 \approx \underline{\quad}$

$76 \div 9 \approx \underline{\quad}$

$53 \div 7 \approx \underline{\quad}$

$34 \div 8 \approx \underline{\quad}$

$20 \div 6 \approx \underline{\quad}$

$32 \div 5 \approx \underline{\quad}$

$57 \div 6 \approx \underline{\quad}$

$49 \div 12 \approx \underline{\quad}$

$66 \div 10 \approx \underline{\quad}$

$93 \div 10 \approx \underline{\quad}$

$40 \div 12 \approx \underline{\quad}$

$17 \div 3 \approx \underline{\quad}$

$22 \div 3 \approx \underline{\quad}$

$25 \div 3 \approx \underline{\quad}$

$39 \div 4 \approx \underline{\quad}$

$71 \div 8 \approx \underline{\quad}$

$44 \div 7 \approx \underline{\quad}$

$47 \div 11 \approx \underline{\quad}$

$34 \div 11 \approx \underline{\quad}$

$68 \div 9 \approx \underline{\quad}$

$64 \div 12 \approx \underline{\quad}$

$33 \div 9 \approx \underline{\quad}$

$41 \div 6 \approx \underline{\quad}$

$57 \div 6 \approx \underline{\quad}$

$62 \div 7 \approx \underline{\quad}$

$85 \div 12 \approx \underline{\quad}$

$49 \div 10 \approx \underline{\quad}$

$42 \div 8 \approx \underline{\quad}$

$17 \div 4 \approx \underline{\quad}$

$37 \div 5 \approx \underline{\quad}$

$39 \div 10 \approx \underline{\quad}$

$36 \div 7 \approx \underline{\quad}$

$97 \div 11 \approx \underline{\quad}$

$60 \div 9 \approx \underline{\quad}$

$78 \div 8 \approx \underline{\quad}$

Name: _____

Draw a line from START to END.

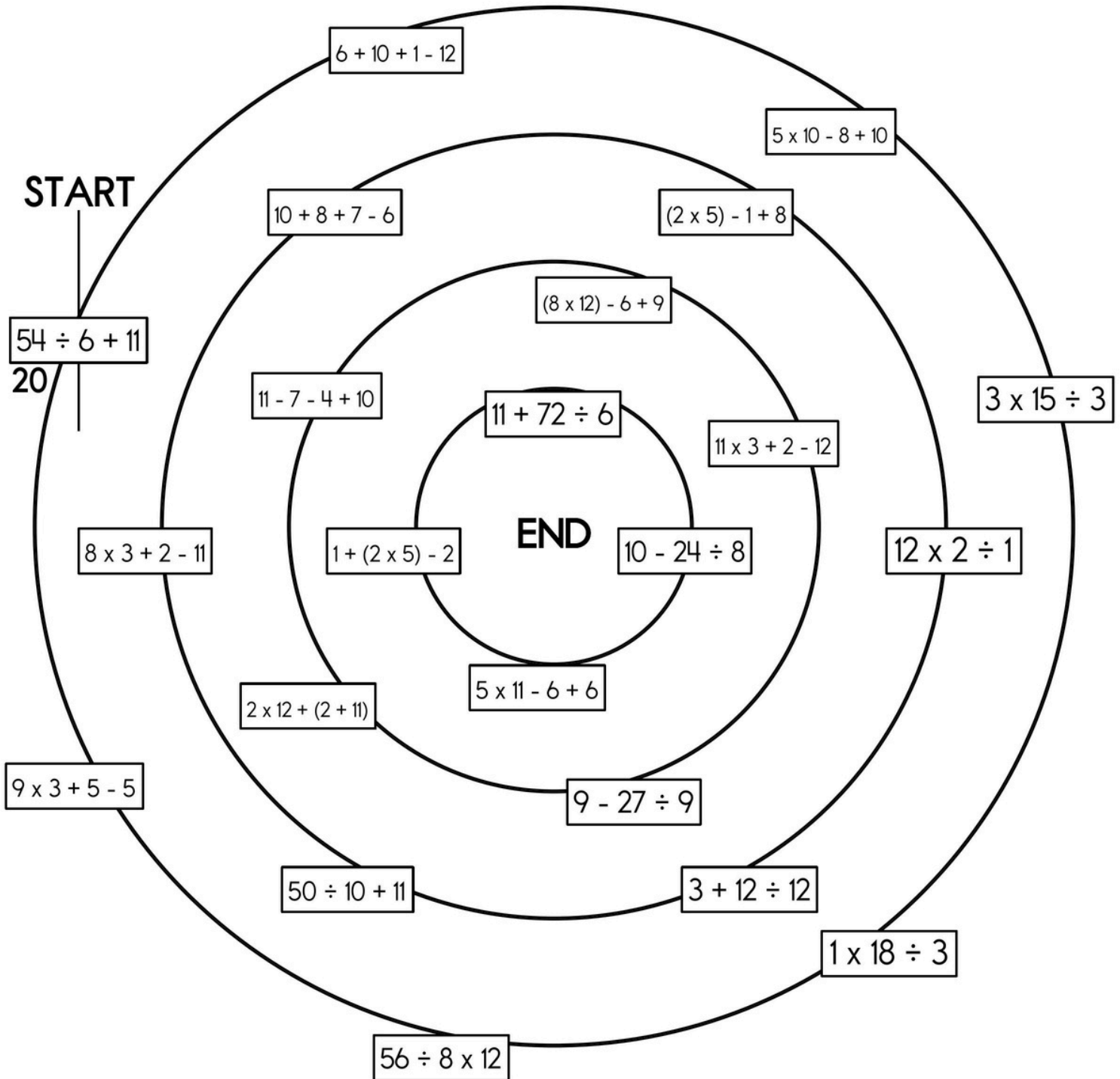
16

7

10

~~20~~

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



Name: _____

$$6 \times 269 =$$

$$8 \overline{) 52}$$

$$9 \overline{) 738}$$

Divide and write remainder.

Divide and write remainder.

$$4 \overline{) 234}$$

$$\begin{array}{r} 6,017 \\ - 4,552 \\ \hline \end{array}$$

$$\begin{array}{r} 678,048 \\ 792,673 \\ + 659,318 \\ \hline \end{array}$$

Divide and write remainder.

$$\begin{array}{r} 584 \\ 148 \\ 149 \\ + 139 \\ \hline \end{array}$$

$$6 \overline{) 524}$$

Divide and write remainder.

$$90 \times 5 =$$

$$\begin{array}{r} 120 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 7,174 \\ - 981 \\ \hline \end{array}$$

$$\begin{array}{r} 3,183,910 \\ - 3,158,786 \\ \hline \end{array}$$

Name: _____

Decimals Review



Circle the correct answers.

Place
Value

6,938.217 =

TH	H	T	O	t	h	th
6	9	3	8	1	2	7

A. This is right.

B. This is wrong.

Fractions

$$\frac{77}{100} =$$

A. 7.7

B. .77

C. 0.7

Money

4 Hundreds, 9 Tens, 7 Ones,
1 Dime, 8 Pennies =

A. \$479.81

B. \$497.18

C. \$49.18



Name: _____

Get a fidget spinner! Spin it.

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

$$6 \times 4 \times 6 \times 6 = \underline{\quad}$$

$$9 - 2 - 1 = \underline{\quad}$$

$$7 \times 8 \times 5 = \underline{\quad}$$

$$9 + (8 \times 11) + 2 = \underline{\quad}$$

$$6 + 2 \times 2 \times 3 = \underline{\quad}$$

$$11 - 3 + 8 = \underline{\quad}$$

$$2 \times 7 + 12 \div (6 - 2) = \underline{\quad}$$

$$3 + 3 - 5 = \underline{\quad}$$

$$8 \times 5 + 2 = \underline{\quad}$$

$$144 \div 12 + 7 = \underline{\quad}$$

$$8 \times 2 + 5 - 6 + 2 + 9 = \underline{\quad}$$

$$5 \times 8 \times 8 = \underline{\quad}$$

$$4 \times 3 + 9 = \underline{\quad}$$

$$4 \times 8 + 11 = \underline{\quad}$$

$$8 \times 7 + 3 = \underline{\quad}$$

$$5 \times 1 - 5 = \underline{\quad}$$

$$2 + (2 + 5) \times 7 - 1 = \underline{\quad}$$

$$9 + 9 - 12 = \underline{\quad}$$

$$6 \times 9 - 5 + 9 = \underline{\quad}$$

$$3 \times (6 - 6) = \underline{\quad}$$

$$2 \times 9 - 7 = \underline{\quad}$$

$$1 \times (5 + 11) = \underline{\quad}$$

$$9 \times 7 + 4 = \underline{\quad}$$

$$2 \times 4 + 2 - 4 = \underline{\quad}$$

$$9 + (7 + 45 \div 9) + 5 + 3 = \underline{\quad}$$

$$10 \times 7 - 8 = \underline{\quad}$$

$$2 + 4 \times 8 - 4 + 8 = \underline{\quad}$$

$$8 + 1 - 2 = \underline{\quad}$$

$$1 \times 5 + (9 - 9) = \underline{\quad}$$

$$(3 + 12) - 3 = \underline{\quad}$$

$$7 \times 6 \times 9 = \underline{\quad}$$

Name: _____

Mrs. Lee is making a honey cake. She will use $\frac{5}{8}$ of a cup of honey in the cake and $\frac{3}{8}$ of a cup of honey in the frosting. How much honey will she use in all?

On the day the Mystic Magic Museum opened, 4,013 people visited its exhibits. What was the average number of people per hour who visited the museum from its opening at 9:00 a.m. until its close at 7:00 p.m.?

The paper products company is replanting trees in a section that has been clear-cut. The company needs to know the area of the section. It is 837 yards long and 833 yards wide. What is its area?

Name: _____

Some fifth graders took a survey asking students whether they felt a lot of stress, a little stress, or no stress. The survey showed that $\frac{2}{5}$ felt a lot of stress, $\frac{1}{2}$ felt a little stress, and $\frac{1}{10}$ felt no stress. There were 7 students that felt no stress. How many students took the survey?

Gavin went to the store to buy some of the ingredients for Indian pudding for his mother. He bought cornmeal (\$1.72), cinnamon (\$3.17), milk (\$2.99), and eggs (\$1.44). The clerk added up the total and Gavin gave him a twenty-dollar bill. How much change did Gavin get?

Anna has a messy desk. She has a total of 40 markers, pens, and pencils.

She has 4 times as many markers as pens.

She also has 4 more pencils than pens.

How many markers does she have?

How many pens does she have?

How many pencils does she have?

$$2 + -5 =$$

$$-7 + -8 =$$

$$-110 \div -10 =$$

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
multiply 2
double it

Write the tens digit.

A

imagine 4 in your head
multiply 5
double it
add 1
add 9

Add the tens digit to the ones digit.
Write the sum.

B

imagine 3 in your head
add 3
subtract 3
add 2

Write the number.

C

imagine 6 in your head
double it
subtract 7
subtract 4
add 4
subtract 2

Write the number.

D

What is the sum?

$$A + B + C + D$$

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

_____ x _____ n

1 before 11 _____	5 after 14 _____	1 after 11 _____
7 before 14 _____	7 after 16 _____	6 after 17 _____
9 before 19 _____	3 after 13 _____	4 after 19 _____

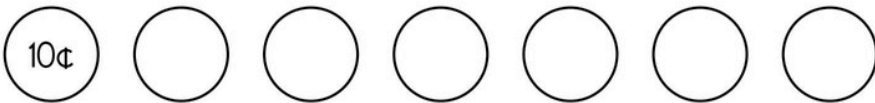
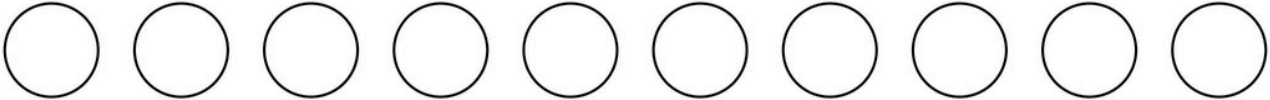
Name: _____

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

Jacob has \$29.17. He has 7 bills and 17 coins. How?

		\$10		
--	--	------	--	--

--	--



Alex has \$31.11. He has 3 bills and 2 coins. How?

Emily has \$55.95. She has 5 bills and 8 coins. How?

Jenna has \$21.12. She has 3 bills and 9 coins. How?

word root **circum** can mean **around**

circumscriptive, circumvent, circumvention

Name: _____

56 inches is

- A) less than 2 yards
- B) equal to 4 feet
- C) less than 3 feet
- D) equal to 2 yards

What number is missing from the following sequence?

118, 106, 94, 82, _____, 58

- A) 70
- B) 77
- C) 67
- D) 9×1^2

Which answer has the least unit size?

- A) 26 qt
- B) 8 gal
- C) A and B are equal.

How many pints in 3 quarts?

- A) 22 pints
- B) 36 pints
- C) 6 pints
- D) 8 pints

16 meters =

- A) 1600 millimeters
- B) 0.16 kilometers
- C) 1600 centimeters
- D) 160 millimeters

How many yards in 51 feet?

- A) 22 yards
- B) 6 yards
- C) 20 yards
- D) 17 yards

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.
Then write the correct answer!

$$\begin{array}{ccc} \text{Face 1} & + & \text{Face 2} & = & 14 \\ \text{Face 2} & \times & \text{Face 1} & = & 33 \\ \text{Face 2} & - & \text{Face 1} & = & \underline{\hspace{2cm}} \end{array}$$

$$\text{Face 1} = \underline{\hspace{2cm}} \quad \text{Face 2} = \underline{\hspace{2cm}}$$

3 after 18 _____	6 before 17 _____	5 before 12 _____
8 after 12 _____	1 before 16 _____	4 before 19 _____
2 after 14 _____	7 before 18 _____	8 before 13 _____
5 after 19 _____	2 before 15 _____	9 before 14 _____
9 after 13 _____	3 before 11 _____	9 before 11 _____
7 after 52 _____	8 before 29 _____	5 before 82 _____
1 after 46 _____	7 before 43 _____	3 before 33 _____
6 after 88 _____	6 before 31 _____	1 before 36 _____
4 after 28 _____	4 before 97 _____	2 before 52 _____

Name: _____

Complete each pattern. Write what the rule is for each pattern.

(2,401), (343), (49), (7),

(1), $\frac{1}{7}$, $\frac{1}{49}$, $\frac{1}{343}$,

_____ , _____

(16,384), (4,096), (1,024),

(256), (64), (16),

(4), (1), _____

Complete each pattern. Write what the rule is.

99	88	77
66	55	
33	22	

Name: _____

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

START 6	1	5	9
1	8	3	4
7	3	9	4
2	4	4	FINISH SUM: 26

6 + 1 + 8 + 3 + 4 + 4 = 26

START 7	11	4	11
2	8	14	16
9	14	15	FINISH SUM: 85

7 + 11 + 8 + _____ + _____ + _____ + _____ = 85

START 6	6	7	6
9	7	8	6
7	6	6	9
8	6	9	FINISH SUM: 40

Did you find a path? Write the equation.

START 5	6	8	1
9	4	4	7
1	7	7	5
6	2	3	FINISH SUM: 32

5 + _____ + _____ + _____ + _____ + _____ = 32

Name: _____

How many times greater is

40 than 4? _____

16 than 4? _____

9,900,000 than 9,900? _____

36 than 9? _____

900,000 than 9,000? _____

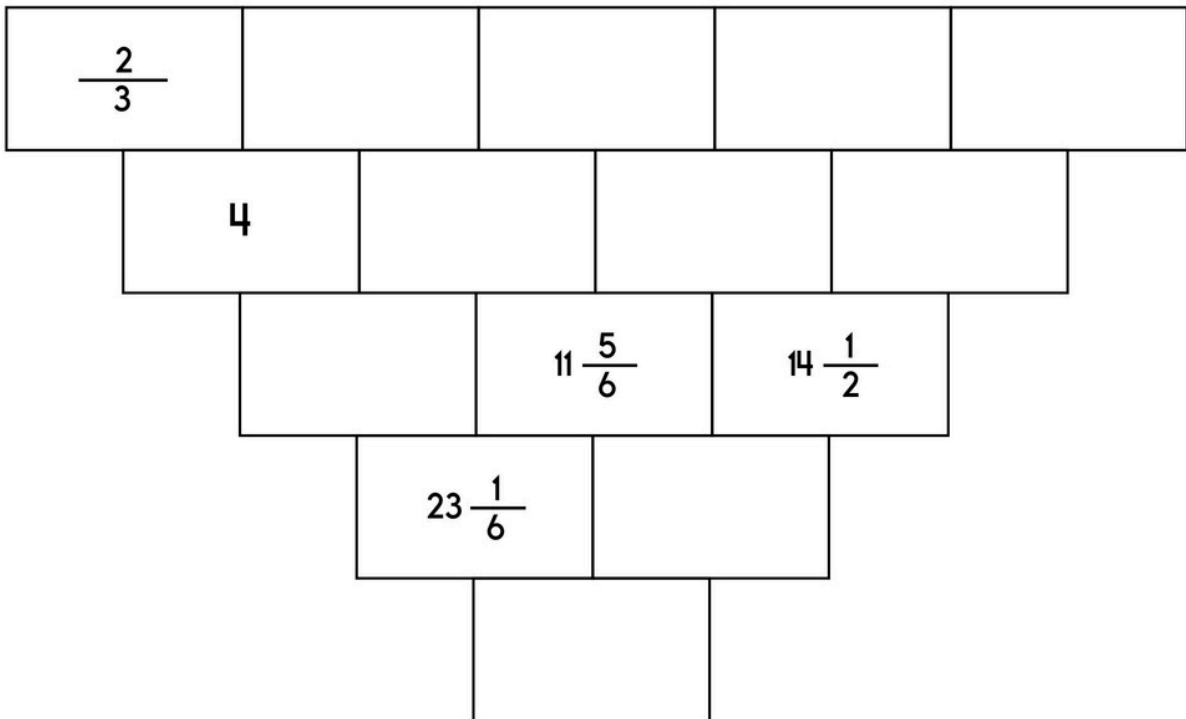
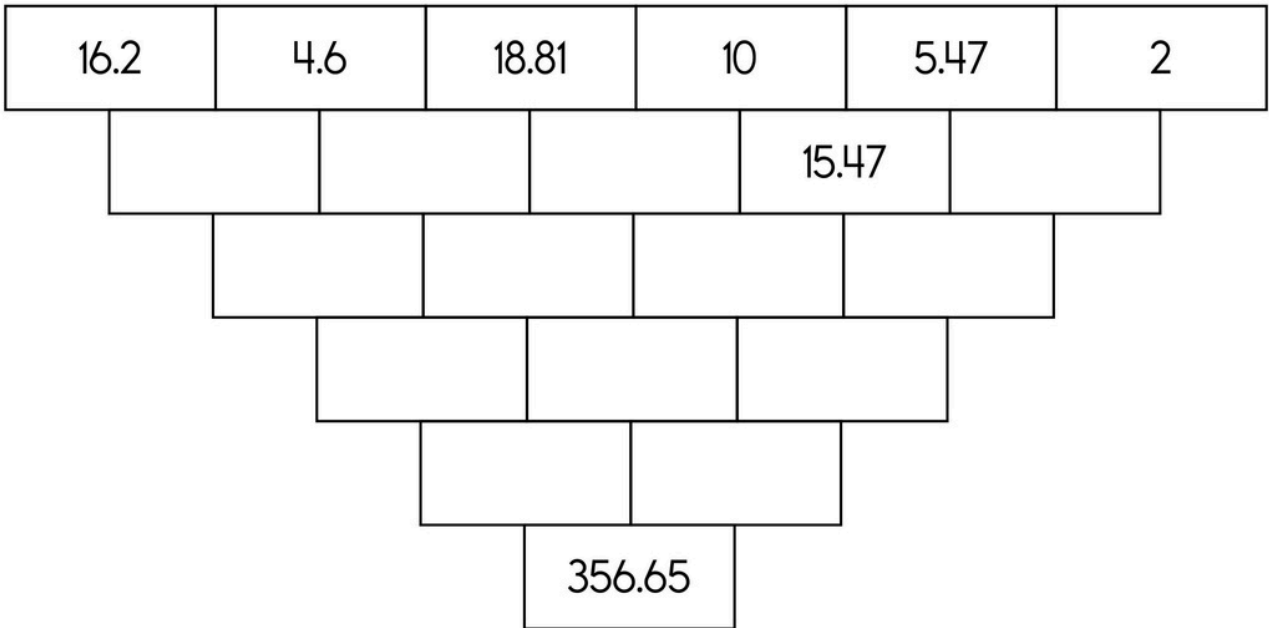
Unscramble these letters to spell a two-digit number with two different digits.

eevytn-senn _____ (97)

eettynen-vws _____

Name: _____

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



$\begin{array}{r} 928 \\ - 388 \\ \hline \end{array}$	<p>1 kg = 1,000 g</p> <p>14 kg = _____ g</p>	<p>Circle the addition property for $38 + 148 = 148 + 38$.</p> <p style="text-align: center;"> <input type="checkbox"/> associative property <input type="checkbox"/> commutative property </p>
-------------------------------------------------------	----------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Name: _____

The value of N is 6. What is the value of each of these expressions?

$$N + 231$$

$$N + N$$

$$N \times N - N$$

$$N + N \times N$$

$$\begin{array}{r} 3,309 \\ - 295 \\ \hline \end{array}$$

$$\begin{array}{r} 526 \\ 857 \\ 29 \\ + 228 \\ \hline \end{array}$$

What number is 158 less than 344?

How many total legs are on 7 zebras?

What is the sum of 50 and 634?

$$11 + 12 + 10 - 3$$

word root **gress** can mean **step** **progress, digress**

Name: _____

This number is so cool. The tenths place is twice its hundredths. The tens place is 5 less than its ones. The sum of its digits is 21. What's the cool number?

_____ . _____

14, 16, 18, _____, 22,
24, 26, 28

Megan has 50 books. She organized them equally into 5 boxes. How many books in each box?

Name the shape with four sides and four angles.

How much greater is 188 than 33?

Is 32 a composite or a prime number?

Which of the following is the greatest possible 2-digit number with all different digits?

Insert a comma in the appropriate place in this sentence.

I would have studied harder for the math test but my favorite show was on TV last night.

$$(7 + 8) + 9 =$$

Name: _____

Find the missing numbers.

If

$$1, 8 = 9$$

$$2, 12 = 14$$

$$3, 15 = 18$$

$$4, 18 = 22$$

Then

$$5, 20 = ?$$

If

$$4, 4 = 16$$

$$5, 9 = 45$$

$$6, 11 = 66$$

$$7, 15 = 105$$

Then

$$8, 20 = ?$$

Complete each pattern. Write what the rule is.

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

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

$$\frac{1}{3}, \underline{\quad}, 1, 1\frac{1}{3}, 1\frac{2}{3}, 2, \underline{\quad}, \underline{\quad},$$

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

Add $\frac{1}{3}$

Name: _____

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

Write the reciprocal.

$$\frac{1}{2}$$

$$\begin{array}{r} 4 \\ - 2\frac{8}{12} \\ \hline \end{array}$$

Write the reciprocal.

$$\frac{9}{8}$$

4

$$\begin{array}{r} - 2\frac{2}{11} \\ \hline \end{array}$$

Write the reciprocal.

8

$$\begin{array}{r} 3\frac{2}{11} \\ + 9\frac{2}{3} \\ \hline \end{array}$$

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

$$\begin{array}{r} 23\frac{1}{3} \\ - 5 \\ \hline \end{array}$$

Write the reciprocal.

$$\frac{1}{24}$$

$$14 - \frac{10}{11} - \frac{1}{3} =$$

$$3 - \frac{1}{3} + \frac{1}{11} =$$

Name: _____

Nathan and Ava are doing their math homework. Their teacher gave them each 17 pages of math facts to practice. Each page has 6 rows and 8 columns of problems. Nathan can do a row of problems in about 6.1 seconds. Ava is faster. She can do a row of problems in 5.7 seconds.

How much time will Nathan need to finish his math homework?

Name the place value that is 100 times greater than the thousandths place.

What is the area of a rectangle with sides 4 cm and 10 cm?

$$26 + n = 44$$

What is the value of n ?

A rectangle is 45 cm on one side and 7 cm on another side. What is the perimeter?

Name: _____

Mental Math

— #1 —



☞ Start with the number 116.

116

☞ Add a half dozen.

1 0 1 2 2 5 6 5 5 5 (Circle your answer to double check you are correct.) _____

☞ Add the digits in your number. The sum of that is your new number.

5 5 5 4 1 0 7 1 8 1 _____

☞ Add the number of dimes in a dollar.

1 1 5 5 6 4 7 8 3 0 _____

☞ Add the number of pennies in a dollar.

2 1 4 3 7 2 1 1 5 1 _____

☞ Add half of 44.

4 5 6 1 3 7 8 4 7 5 _____

☞ Increase that number by 12.

4 6 9 5 1 4 9 1 2 0 _____

☞ Add three-fourths of a dozen.

6 0 5 1 8 1 5 8 9 4 _____

☞ Increase that number by 20.

1 2 3 6 4 1 7 8 5 8 _____

☞ Add the number of nickels in a dollar.

7 2 4 5 1 9 8 4 3 5 _____

☞ Add one-fourth of a dozen.

2 0 2 0 1 8 3 6 8 2 _____

Name: _____

	+		+		=	
	B	A	C			36
+	B	B	C			13
+	A	A	A			84
=						
	38	?	34			

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B + B + A = 38 \quad B + B + \underline{\quad} = 13 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 34$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 36 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 84$$

Additional hints:

$$C < 6 \quad B = C + 2$$

Show Work:

Solve:

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

Name: _____

Simplify each fraction. Draw lines between equal fractions.

$\frac{10}{15}$



$\frac{20}{25}$

$\frac{3}{8}$



$\frac{33}{36}$

$\frac{4}{5}$



$\frac{18}{48}$

$\frac{44}{48}$



$\frac{18}{27}$

Write the complement of each angle.

42°

24°

16°

8°

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

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

If you exchange 110 dimes for dollars, then how many dollars would you get?

Round 845 to the nearest hundred.

This number is one thousand more than 2,214.

How many feet are in 4 yards?

_____ feet

19 km = _____ m

Name: _____

$$45 \div 9 =$$

Is 852 closer to 800 or 900?

9, 15, 22, 30, 39, 49,
_____, 72, 85, 99, 114

$$1 + 2 - 3$$

April has 28 books. She organized them equally into 4 boxes. How many books in each box?

How many total legs are on 8 ants?

$$4 \times 9 = _ = 18 \times _$$

$$10 \times _ = _ = 20 \times 2$$

$$3 \times _ = 36 = _ \times 2$$

$$8 \times _ = 80 = _ \times 4$$

$$6 \times 2 = _ = 3 \times _$$

33 is a multiple
of 11 and 3.

22 is a multiple
of ___ and ___.

27 is a multiple
of ___ and ___.

Draw a small clock that shows 20 minutes past 7:00.



$$38 + n = 57$$

What is the value of n?

A rectangle is 35 cm on one side and 10 cm on another side. What is the perimeter?

50, 55, 60, _____, 70, 75

Name: _____

7	2	8	7
-	0	↓	↓
	2	8	↓
-	2	8	↓
		0	7
		-	7
			0

2	8	6	0
-		↓	↓
			↓
	-		↓
		-	

6	6	3	0
		↓	↓
			↓

8	3	9	1	2
		↓	↓	↓
			↓	↓
				↓

3	8	6	9	7
		↓	↓	↓
			↓	↓
				↓

4	8	2	6	8
		↓	↓	↓
			↓	↓
				↓



Name: _____

Get a fidget spinner! Spin it.

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

Find the GCF using the Birthday Cake method.

<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>2 144 96</p> <hr/> <p>4 72 48</p> <hr/> <p>2 18 12</p> <hr/> <p>3 9 6</p> <hr/> <p style="padding-left: 20px;">3 3 2</p> </div> <div style="width: 5%; text-align: center;"> <p>4</p> <hr/> <p>GCF: _____</p> </div> <div style="width: 45%;"> <p>4 24 28</p> </div> </div>	
<p>GCF: $8 \times 2 \times 3 = 48$</p>	



<p>3 165 75</p>	<p>2 14 24</p>	<p>2 24 22</p>
<p>GCF: _____</p>	<p>GCF: _____</p>	<p>GCF: _____</p>

<p>24 20</p>	<p>30 27</p>	<p>22 32</p>
<p>GCF: _____</p>	<p>GCF: _____</p>	<p>GCF: _____</p>



Name: _____

Spin again.

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

Find the GCF using the Birthday Cake method.

<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%; text-align: center;">3</td><td style="padding: 2px 10px;">120 72 96</td></tr><tr><td style="text-align: center;">2</td><td style="padding: 2px 10px;">40 24 32</td></tr><tr><td style="text-align: center;">4</td><td style="padding: 2px 10px;">20 12 16</td></tr><tr><td></td><td style="padding: 2px 10px;">5 3 4</td></tr></table> <p style="margin-top: 10px;">GCF: <u>$2 \times 4 \times 3 = 24$</u></p>	3	120 72 96	2	40 24 32	4	20 12 16		5 3 4	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%; text-align: center;">3</td><td style="padding: 2px 10px;">54 36 42</td></tr><tr><td style="text-align: center;">2</td><td style="padding: 2px 10px;">18 12 14</td></tr></table> <p style="margin-top: 10px;">GCF: _____</p>	3	54 36 42	2	18 12 14
3	120 72 96												
2	40 24 32												
4	20 12 16												
	5 3 4												
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2	18 12 14												

<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%; text-align: center;">4</td><td style="padding: 2px 10px;">144 72 120</td></tr></table> <p style="margin-top: 10px;">GCF: _____</p>	4	144 72 120	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%; text-align: center;">6</td><td style="padding: 2px 10px;">66 36 54</td></tr></table> <p style="margin-top: 10px;">GCF: _____</p>	6	66 36 54
4	144 72 120				
6	66 36 54				

<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 2px 10px;">270 198 216</td></tr></table> <p style="margin-top: 10px;">GCF: _____</p>	270 198 216	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 2px 10px;">42 27 36</td></tr></table> <p style="margin-top: 10px;">GCF: _____</p>	42 27 36
270 198 216			
42 27 36			

Name: _____

$$\begin{array}{r} 912 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 496 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 362 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 727 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 795 \\ - 95 \\ \hline \end{array}$$

$$\begin{array}{r} 399 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 419 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 984 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 780 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 906 \\ - 16 \\ \hline \end{array}$$



$287 \div 41 =$

$188 \div 94 =$

$576 \div 9 =$

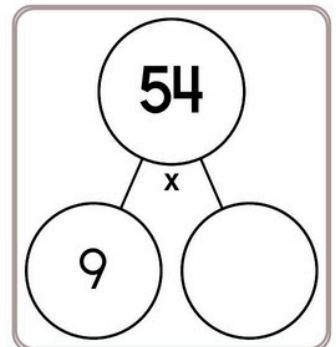
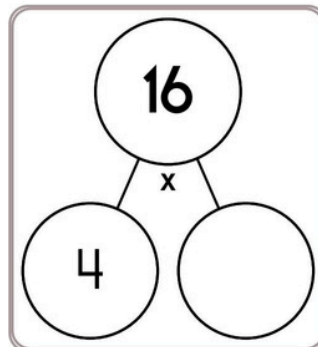
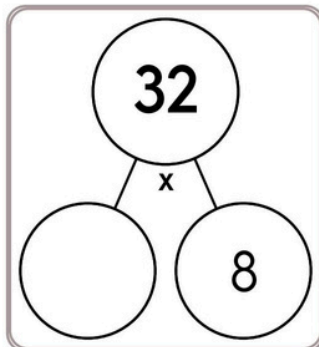
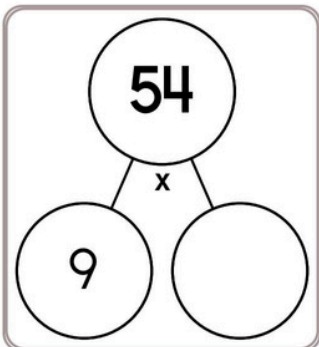
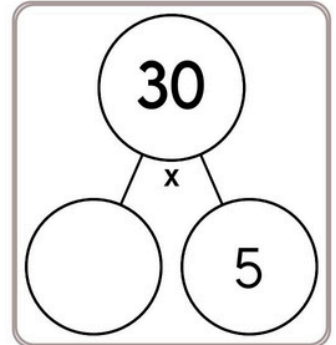
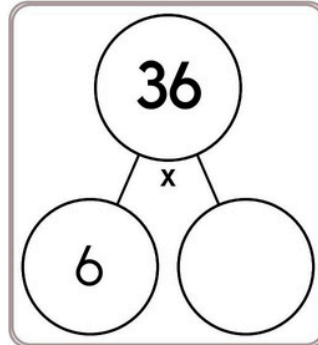
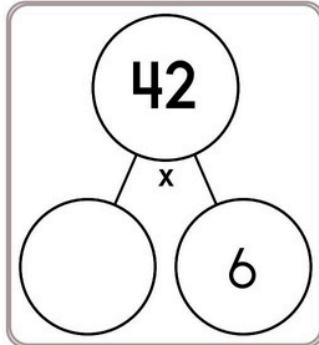
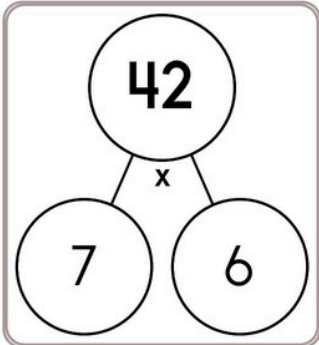
$203 \div 7 =$

$567 \div 7 =$

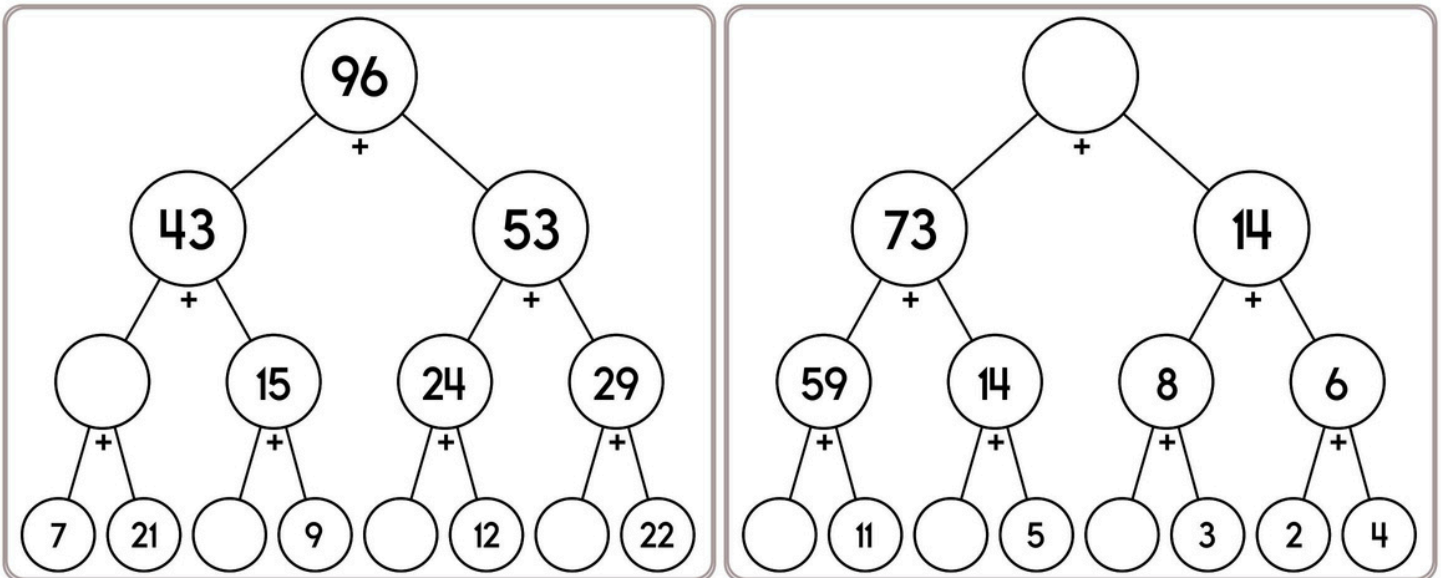
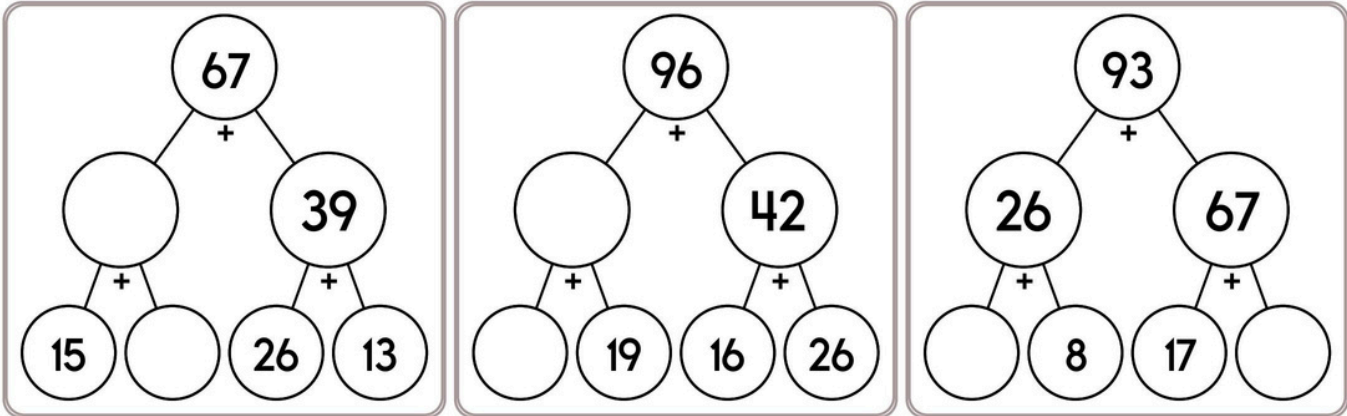
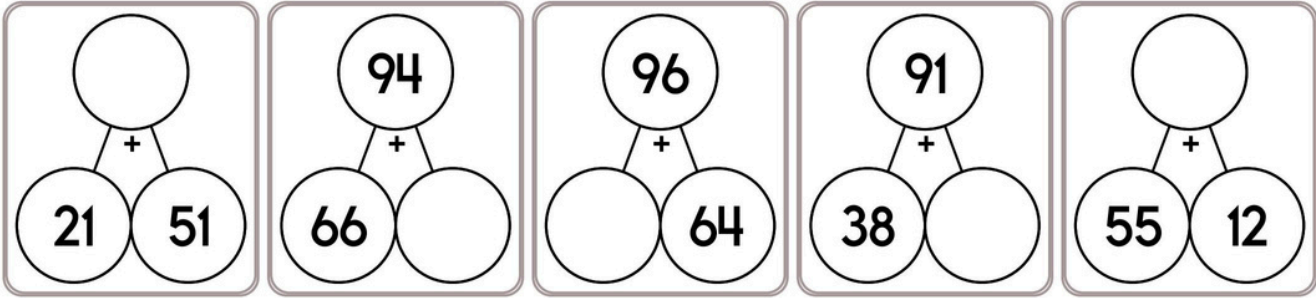
$372 \div 4 =$

$72 \div 3 =$

$231 \div 33 =$



Name: _____



Round 64,275 to the nearest hundred.

It was 7 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

How many centimeters in 9.5 meters?

Name: _____

The expert recommended that Mr. Clark have at least 2,500 square feet of pasture for each mule in his herd. Mr. Clark's pasture is 750 feet x 800 feet. What is the maximum number of mules the expert would recommend for Mr. Clark's pasture?

Students in Mr. Miller's cooking class were given $2\frac{1}{2}$ hours to make their fritters. How many minutes is this?

The fifth grade class surveyed 132 people. They found that $\frac{2}{3}$ of the people have umbrellas. Of the people who have umbrellas, $\frac{1}{2}$ have black umbrellas. How many people in the survey group have black umbrellas?

Vera Sergeevna was 23 years old on the Day of Consent and Reconciliation in 1971. Her brother, Alexander, was 5 years less than twice her age. How old will Alexander be on the Day of Consent and Reconciliation in 2025?

Jessica was very excited! She was going to her best friend's house on August 2 for a Friendship Day party. If Jessica's birthday was 16 days earlier, when was her birthday?

Gavin likes chocolate ice cream. Yesterday he went to the store and bought two and a half gallons of chocolate chip ice cream and two and a half gallons of chocolate ice cream. Ice cream costs \$3.55 per half-gallon. How much did Gavin pay?

Name: _____

Nathan made his own coin. On one side, he colored it red. On the other side, he colored it yellow. Let's assume his coin is fair. Each time he tosses it, there is a 50/50 chance of either color. If he tosses his coin two times, what is the chance that both tosses will be red?

A class is practicing handshakes. There's a total of eleven people in the class. Each student has to shake hands with everyone in the class exactly once at the start of class and once at the end of class. Anne is in the class. What is the total number of handshakes that Anne will give?

Kevin used a gift card to purchase a custom baseball jersey. Unfortunately, he needs to wait. The seller said he should receive it in 1 to 2 weeks. If today is June 21, what would be the latest date that the package might arrive?

Rose and Alex both drew pictures of robots. Alex's robot is four times as tall as Rose's robot. If you stack the robots on top of each other, their height is 25 centimeters. How tall is each robot?

Name: _____



$___ \div 6 = 3$

$32 \div ___ = 8$

$48 \div ___ = 6$

$___ \div 3 = 4$

$___ \div 4 = 4$

$21 \div ___ = 3$

$56 \div ___ = 7$

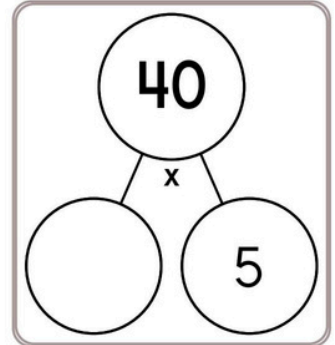
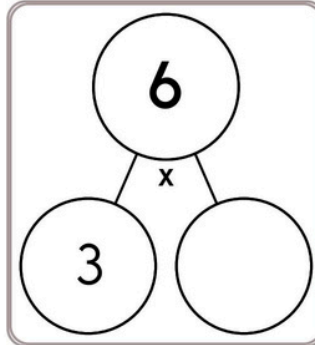
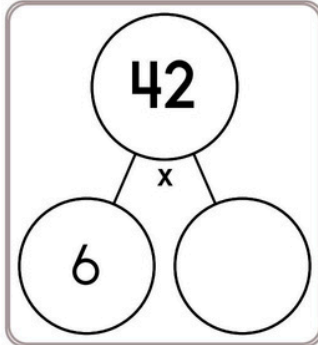
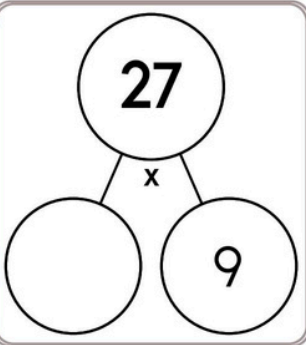
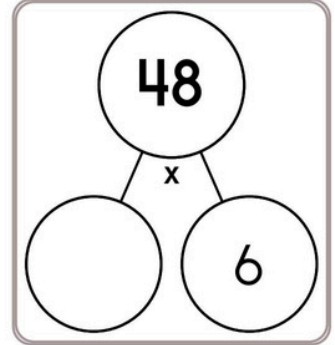
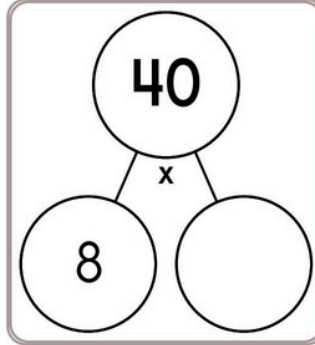
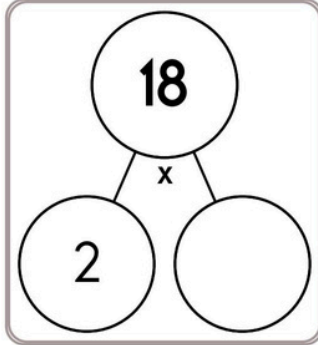
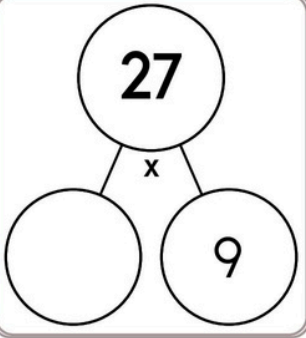
$___ \div 7 = 5$

$___ \div 7 = 4$

$___ \div 6 = 7$

$32 \div ___ = 4$

$36 \div ___ = 4$



$64 \div 8 =$

$60 \div 5 =$

$6 \div 2 =$

$70 \div 10 =$

$22 \div 11 =$

$110 \div 11 =$

$36 \div 6 =$

$15 \div 5 =$

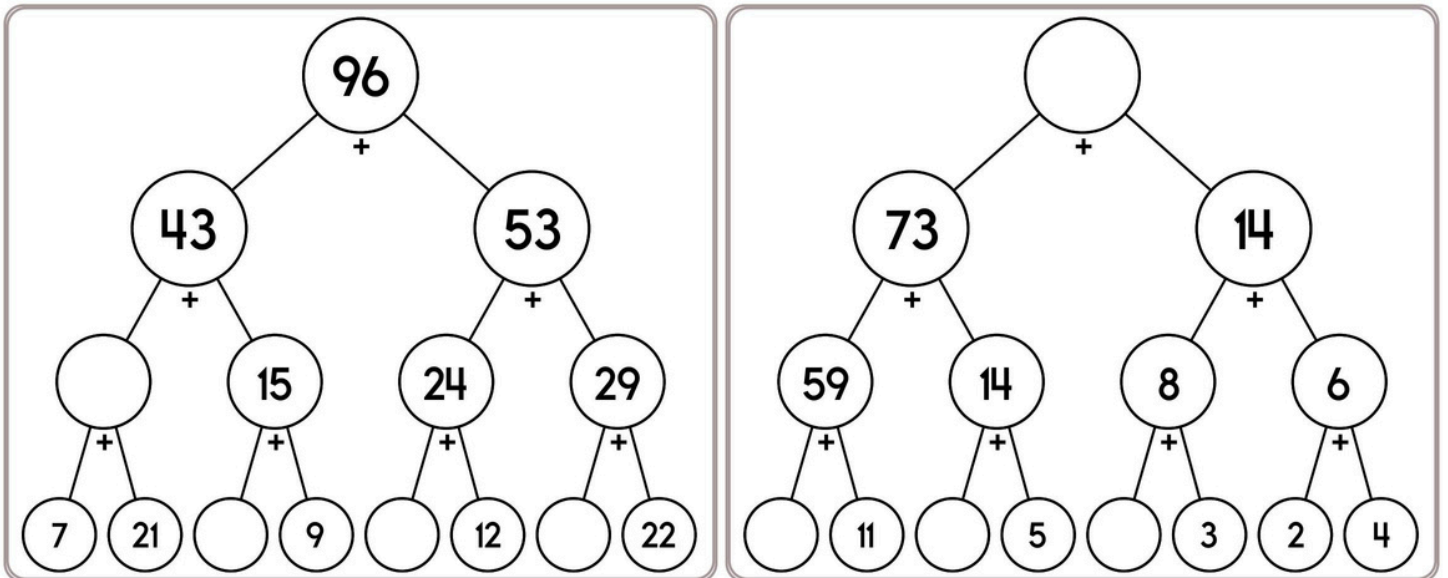
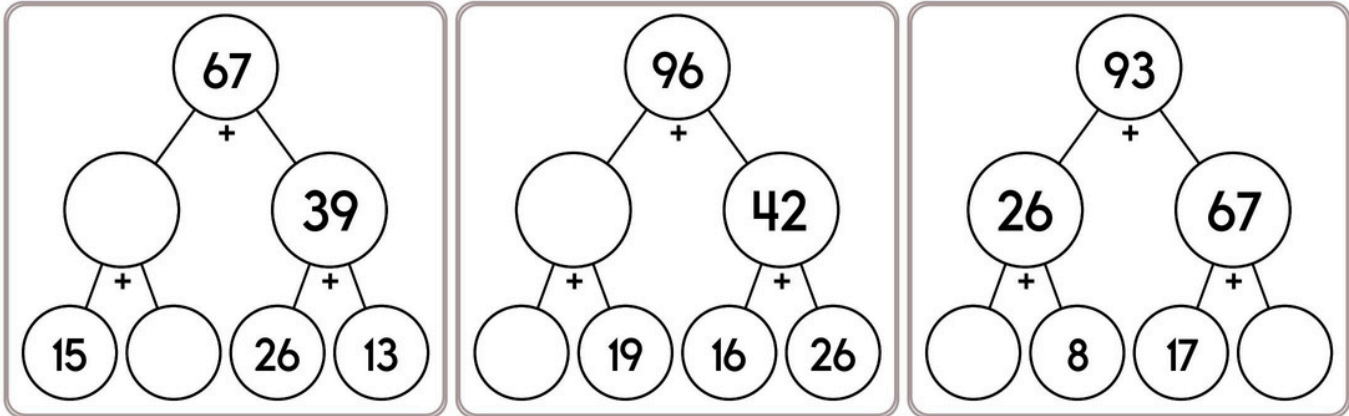
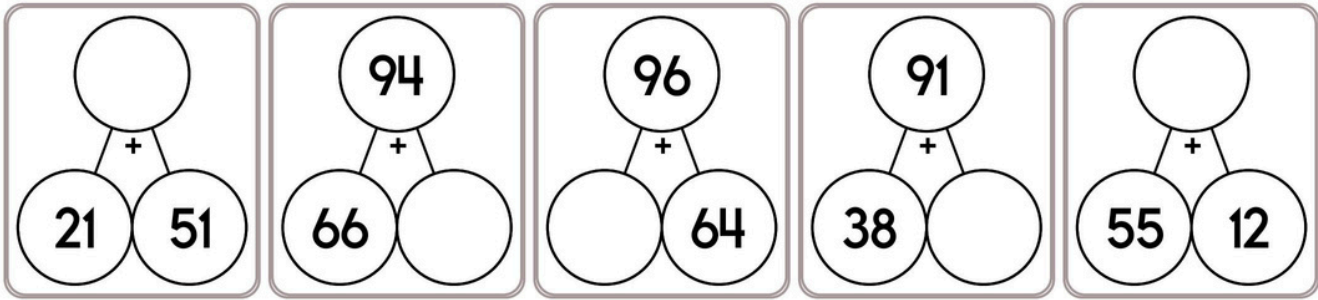
$35 \div 5 =$

$10 \div 2 =$

$42 \div 6 =$

$40 \div 4 =$

Name: _____



Round 64,275 to the nearest hundred.

It was 7 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

How many centimeters in 9.5 meters?



Name: _____

Get a fidget spinner! Spin it.

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

$$3 - 3 + 12 - 8$$

30, _____, 40, 45, 50,
55, 60

$$72 \div 8 =$$

D, _____, L, P, T, X

$$5 \times 8 - 3$$

$$17 + ___ + 28 = 57$$

How much money is 1 quarter, 1 dime, 7 nickels, and 1 penny?

81 divided by 9 equals

Pick the family fact that is missing.

$$95 \div 19 = 5$$

$$5 \times 19 = 95$$

$$95 \div 5 = 19$$

$$8 \times 10 + 2 - 12$$

7, 7, 4, 4, 4, 7, 7, 7, 7, 4,
4, 4, 7, 7, 7, _____, 7, 7,
4, 4, 4, 7, 7, 7, 7, 7, 7, 7

It was 8 degrees above zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?



Name: _____

Spin again.

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

$$11 - 1 + 5$$

Find the product of 6 and 5.

In the parking lot there are 12 vehicles. There are 2 SUVs. What fraction of the vehicles are not SUVs?

Write the greatest possible 5-digit number using only 2 different numbers.

$$64 \div 8 =$$

The number 54 is more than the number 8 by how much?

$$8 \times \underline{\quad} = 96 = \underline{\quad} \times 4$$

$$7 \times \underline{\quad} = 28 = \underline{\quad} \times 2$$

$$9 \times \underline{\quad} = 54 = \underline{\quad} \times 27$$

$$8 \times \underline{\quad} = 56 = \underline{\quad} \times 28$$

Anne has 30 cookies. She and her 5 friends shared them equally. How many cookies did Anne keep?

5, 5, 0, 5, 5, _____, 5,
5, 0, 5, 5, 0, 5, 5

What 4 coins add up to 30 cents?

It was 3 degrees below zero in the morning. By afternoon the temperature rose 24 degrees. How warm was it?

Yummy Donuts gave two dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?

Name: _____

Cross off the letter that does NOT belong.

b, i, S, S, b, i, S, b, i, S, b, i, S

Why does _____ not belong in the pattern?

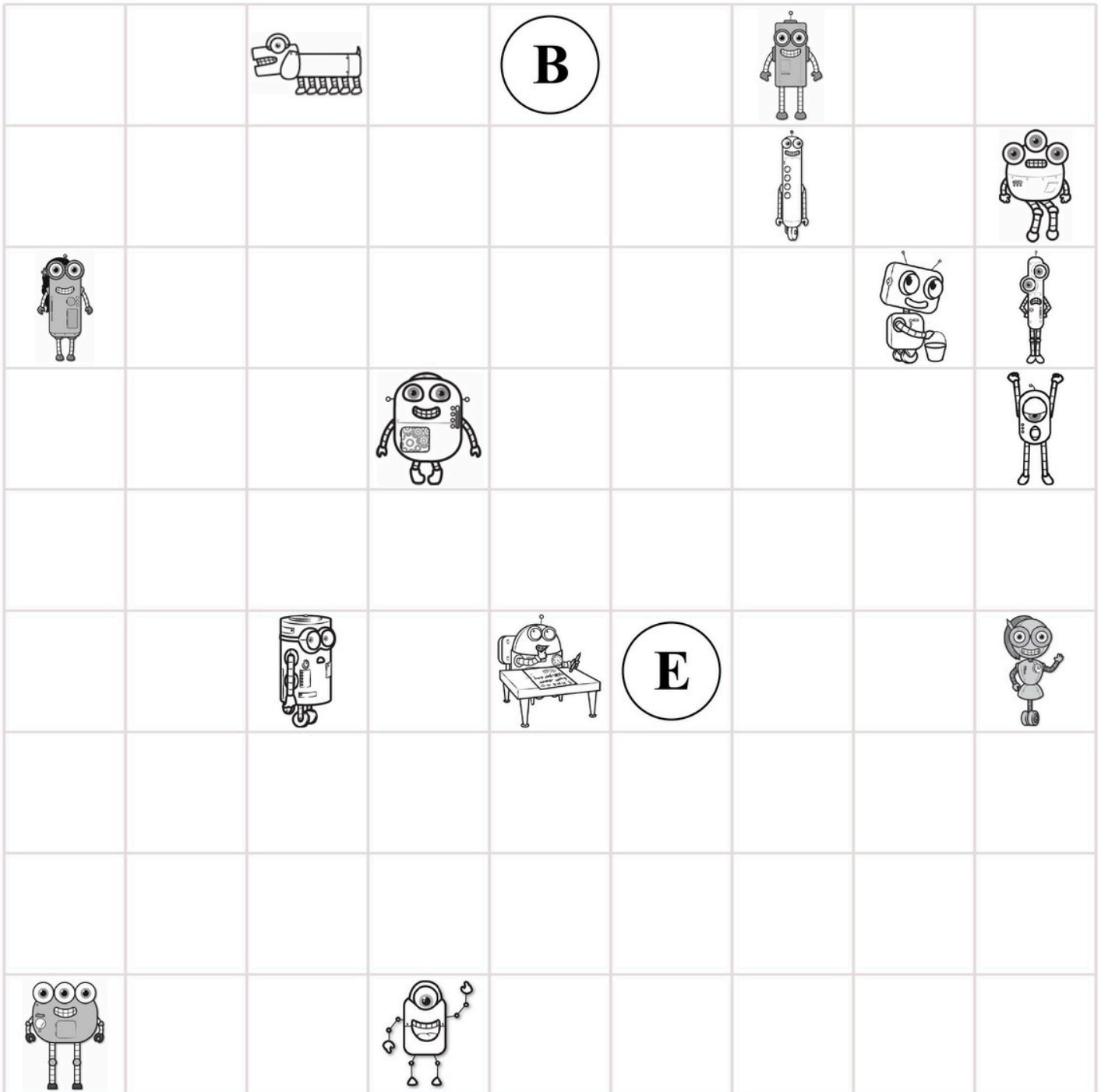
Cross off the number that does NOT belong.

186, 161, 138, 117, 109, 98, 81, 66, 53, 42, 33, 26, 21, 18

Why does _____ not belong in the pattern?

Name: _____

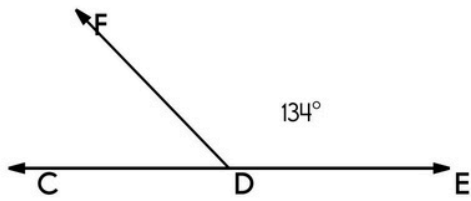
Pick up all of the robots from the game board. Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a robot or the E circle. No stopping on an empty box.** Try to collect all the robots and finish your last line on the **E** circle. You can go through a robot more than once.



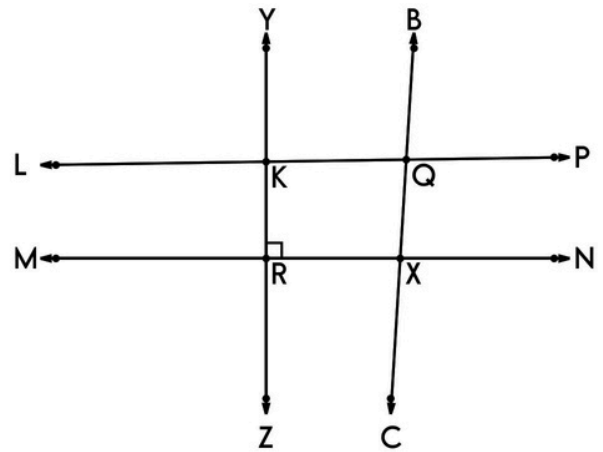
Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

Name: _____



What is the measure of $\angle CDF$?



Name 2 lines which include point X .

Name 3 angles.

Name 3 rays.

$$13.7 - 2.19 =$$

$$\begin{array}{r} 98.764 \\ +59.69 \\ \hline \end{array}$$

$$\begin{array}{r} 0.91 \\ -0.825 \\ \hline \end{array}$$

$$\frac{???}{5} = 12$$

What is the missing number?

$$\frac{N}{6} = 7$$

What is the value of N ?

$$7y = 21$$

$$99 \div \underline{\quad} = 11$$

What is the missing number?

$$110 \div N = 10$$

What is the value of N ?

Name: _____

$$2m = 10$$

$$\underline{\quad} \times 12 = 72$$

What is the missing number?

$$N \times 6 = 72$$

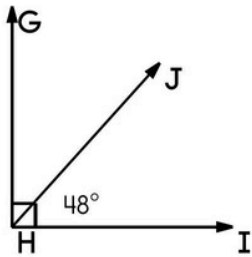
What is the value of N?

$$\frac{???}{11} = 10$$

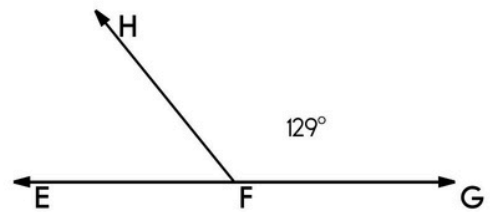
What is the missing number?

$$\frac{N}{4} = 4$$

What is the value of N?



What is the measure of $\angle GHJ$?



What is the measure of $\angle EFH$?

$$80 \overline{) 5121}$$

Divide and write remainder.

$$5 \overline{) 5725}$$

Divide and write remainder.

$$10 \overline{) 6850}$$

Divide and write remainder.

Name: _____

$$1\frac{2}{8} \div 3\frac{10}{12} =$$

Write the reciprocal.

$$\frac{1}{2}$$

$$\frac{1}{2} \div \frac{3}{5} =$$

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

$$\frac{432}{48} =$$

$$\frac{63}{14} =$$

$$\frac{6}{24} =$$

$$\frac{78}{12} =$$

$$\frac{175}{63} =$$

$$\frac{6}{9} =$$

$$\begin{array}{r} \frac{6}{11} \\ - \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{3} \\ + \frac{3}{10} \\ \hline \end{array}$$

$$5 \overline{)115}$$

$$90 \overline{)5670}$$

$$45 \overline{)1940}$$

Divide and write remainder.

Divide and write remainder.

Name: _____

Subtract 42 from 421.

Find the difference between 564 and 24.

$$\begin{array}{r} 538 \\ 9,929 \\ + 288 \\ \hline \end{array}$$

Write all the factors for the number 14.

$$\underline{\quad} - 4 = 5$$

What is the missing number?

$$x - 4 = 2$$

What is the value of x?

$$9 + m = 35$$

Reduce $\frac{18}{42}$ to its lowest terms.

$$6 + \frac{7}{10}$$

$$\begin{array}{r} 14 \frac{1}{9} \\ - 5 \\ \hline \end{array}$$

Name: _____

21	-9			-56		$-4\frac{3}{4}$		$+\frac{2}{4}$
		$-\frac{2}{4}$		-19				
				+7				$-\frac{1}{2}$
	-12			75				+27
$-\frac{1}{2}$				$-\frac{1}{2}$		$-\frac{1}{2}$		+40
$-5\frac{1}{2}$				+33		-11		
	$+\frac{2}{4}$		$+3\frac{2}{4}$			-37	$20\frac{3}{4}$	

Circle the greatest number:
 86,531,976,319
 1,438,057
 58,704
 692,402

List six of the smallest whole numbers that are greater than 115, are multiples of 4, and are not multiples of 9.

word root **agog** can mean **leader** **pedagogue, synagogue**

Name: _____

Two-fourths of a number equals 692. What is the number?

Fifteen exceeds one-tenth of a number by 11. What is the number?

The sum of twenty-one and twenty-nine is forty-six more than a number. What is the number?

Eighty-five more than four-sixths of a number equals 197. What is the number?

Name: _____

Fill in the missing numbers.

The number 10,000 times 475 = _____

The number one hundred thousand times 475 = _____

The number 10,000 times 4.75 = _____

$$-4 \times -11 =$$

$$-8 \times 1 =$$

$$-6 - 11 =$$

This number is one ten less than 2,687.

double 13 =

Double the number 7 three times.

Circle the digit in the tenths place.

99.89

Choose the word that best completes the sentence.

(They're/Their) going to win the relay race if we don't increase our pace!

Name: _____

The letters A, Q, and M each stand for a positive whole number. How many DIFFERENT values can you find for them?

$$M > A$$

$$A + 9 = Q$$

$$M < 27$$

$$A > 8$$

$$8 + 5 \div 5$$

This number is one hundred more than 4,335.

There are 3 groups of 6 rocks. How many rocks?

How many hundreds are in the number 22,000?

triple 10 =

$$25 \div 5 =$$

In the number 142,409, the digit 1 is in what place?

Insert a comma in the appropriate place in this sentence.

Leah was sick yesterday but she's fine today.



Name: _____

Get a fidget spinner! Spin it.

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

Round the decimal 0.355 to the nearest hundredth.

A rectangle is 44 cm on one side and 15 cm on another side. What is the perimeter?

Write $\frac{4}{8}$ in lowest terms.

$$44 + n = 59$$

What is the value of n?

$$(6 + 1) \times 1$$

It was 2 degrees below zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

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

How much money is 1 quarter, 1 dime, 1 nickel, and 6 pennies?

$\frac{1}{36}$, $\frac{1}{6}$, (1), (6),
(36), _____, (1,296),
(7,776)

What is the area of a rectangle with sides 5 cm and 6 cm?

Circle the three numbers whose product equals 100.

4 4 5

5 8 7

$$32 \div 8 + 7$$

Name: _____

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

A

96	56	78
45	41	49
77	30	88
16	46	20

Find a subtraction fact.

B

54	7	20
71	79	43
82	53	35
59	49	98

Find a subtraction fact.

C

45	64	41
25	40	36
72	80	51
42	61	95

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	46	-	30	=	16
B		-		=	20
C		-	25	=	

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

$$\begin{array}{r} 244 \\ + 285 \\ \hline \end{array}$$

Jenna wants to call Hannah. Hannah is on vacation in Asia. It is a time difference of ten hours. Hannah's time is always later than Jenna's time. If it is 10:15 A.M. where Jenna lives, then what time is it where Hannah is?

What root word do these words have in common?
photograph, telegraph, pictograph

$$7 \times 6 =$$