Name: _____

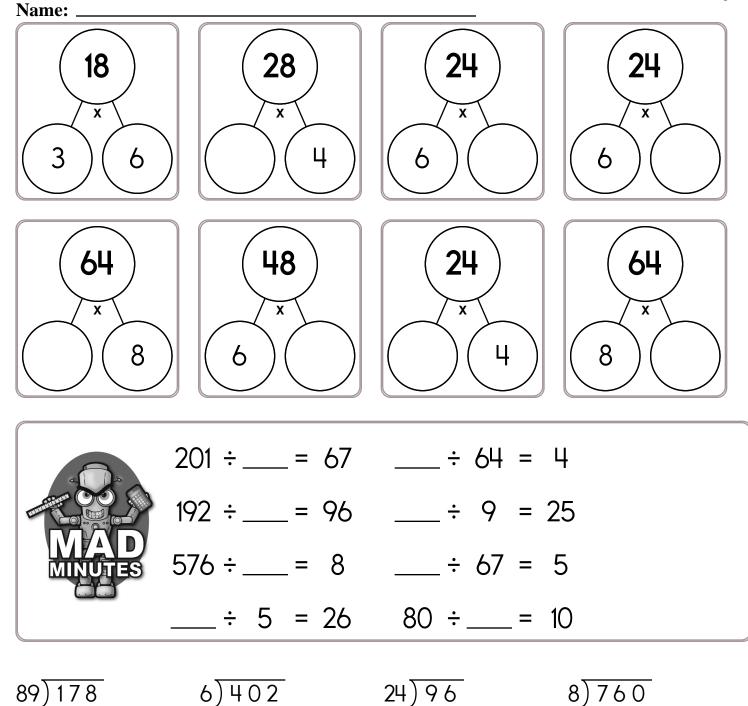
Sally is working on her own cartoon using a new type of app. The main characters are zoinks. Some of the zoinks have two arms, some have three arms, and some have no arms at all!

There are a total of 40 zoinks in the cartoon, and 4 out of 5 zoinks have three arms. How many zoinks have three arms?

How many zoinks have no arms?

Don't cry if you can't figure this all out. Just write what you think and maybe your teacher will understand! Can you believe sometimes math problems may not have all the information? Wow!

edHelper.com/math_worksheets.htm



	20 ÷ 2 =	16 ÷ 4 =	
	36 ÷ 9 =	40 ÷ 10 =	
MINUTES	24 ÷ 2 =	8 ÷ 2 =	
	30 ÷ 5 =	63 ÷ 9 =	
8)32	6)48	5)20	3)9
4)28	2)8	4)36	8)24

	÷7 = 5	35 ÷ = 7	21 ÷ = 3 88 ÷ = 8
MINUTES	÷2=2	÷11 = 6	÷2 = 9
	81 ÷ = 9	77 ÷ = 11	÷ 10 = 11
7)63	7)28	9)54	7)42

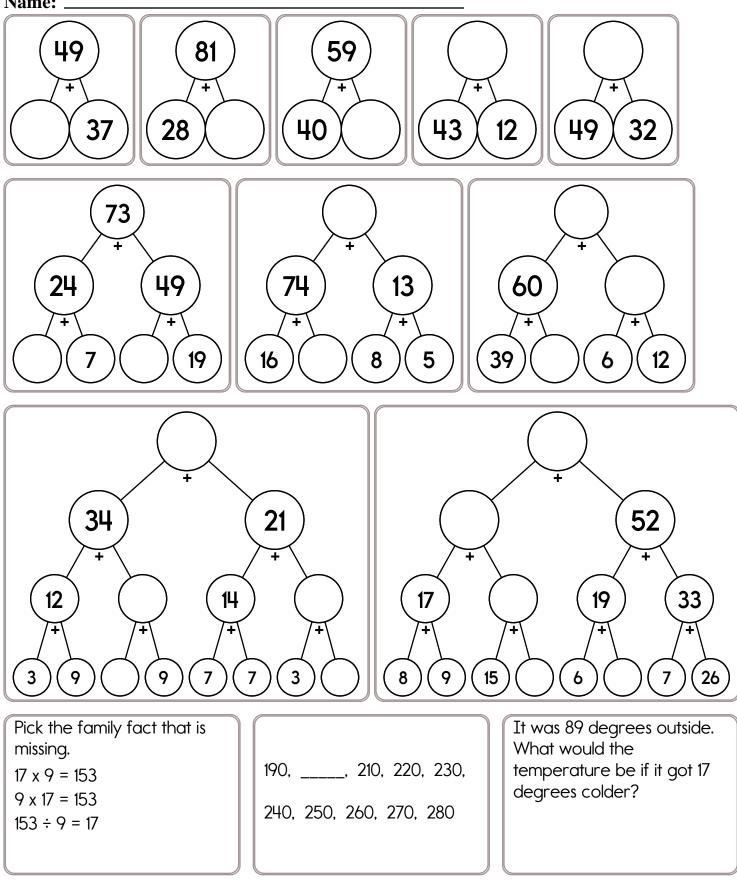
Megan's favorite dessert is lemon meringue pie. Lemon meringue pie contains three hundred ninety-four calories per slice. Megan wanted to make the pie a bit lighter and healthier. She found out she could cut the calories by twenty-three percent if she used 2% reduced fat milk instead of whole milk. If she makes the lemon meringue pie with 2% reduced fat milk, how many calories will be in each slice of her pie? Oops! It was No Housework Day. That meant Ava had to make her own breakfast. She didn't know how to cook, so she got her mother's recipe book. She would make biscuits. "Let's see," she thought. I need a third of a cup of milk. That will make 8 biscuits, but I want to make 20 biscuits. How much milk do I need?" How much milk does Ava need to make 20 biscuits?

Jessica likes to run. She started using a running app on her phone in May. During the month, she ran an average of 1.2 miles per day. How many miles did she run for the entire month?

What number	is	542	less
than 697?			

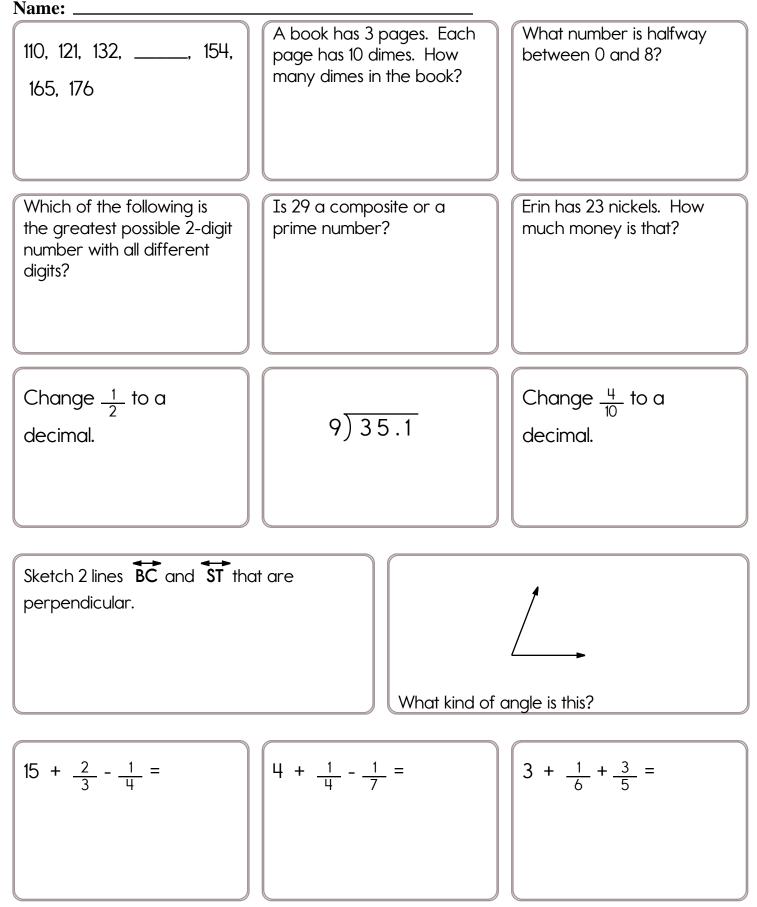
Find the sum of 11, 19, and 50.

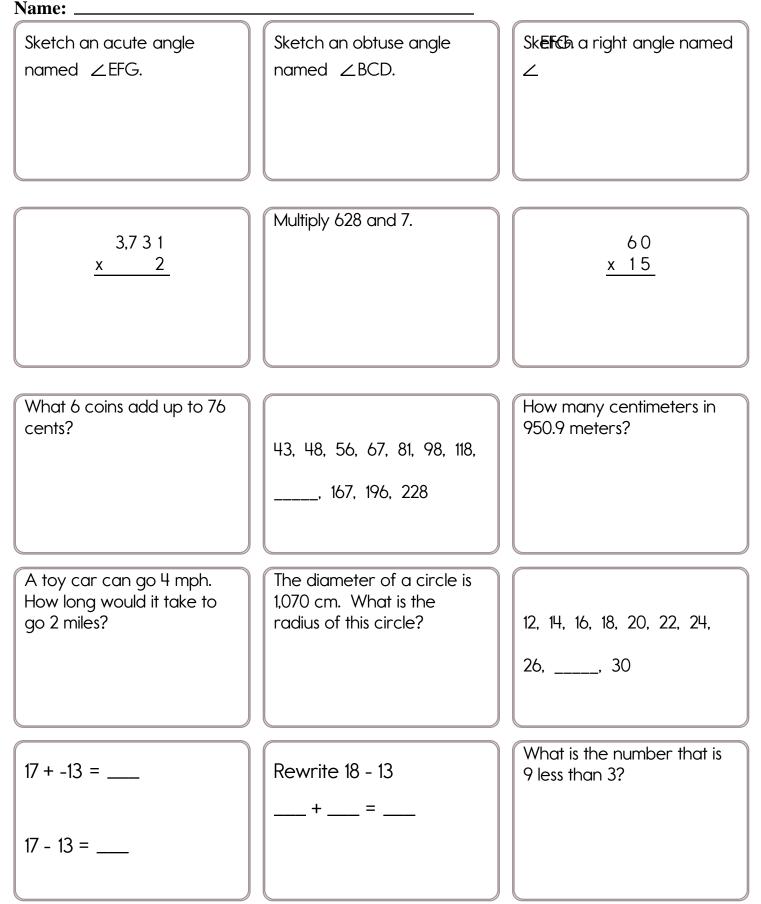
88 + 42



miracle, mirage word root **mir** can mean **wonder**

edHelper.com/math_worksheets.htm





Name: _____

Use mental math to quickly solve.

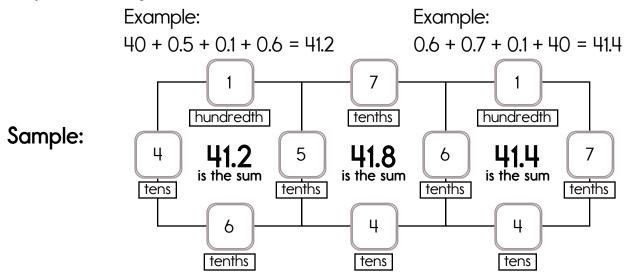
75.97 ÷ 10 =	0.889 ÷ 10 =
82.33 ÷ 10 =	0.347 ÷ 10 =
41.7 ÷ 100 =	35.1 ÷ 100 =
0.38 ÷ 10 =	92.19 ÷ 10 =
34.7 ÷ = 0.347	436.6 ÷ = 4.366
0.58 ÷ 10 =	563.4 ÷ 100 =
÷ 100 = 9.259	93.71 ÷ = 9.371

4)3.2

2)7.6

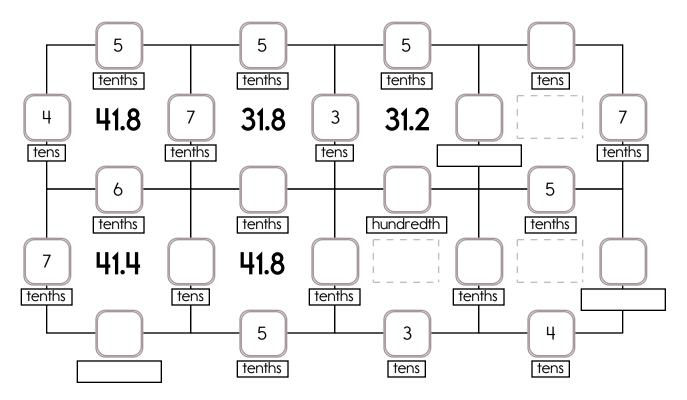
3)3.0

word root rupt can mean break	erupt, interrupt
edHelper.com/math_workshee	ets.htm



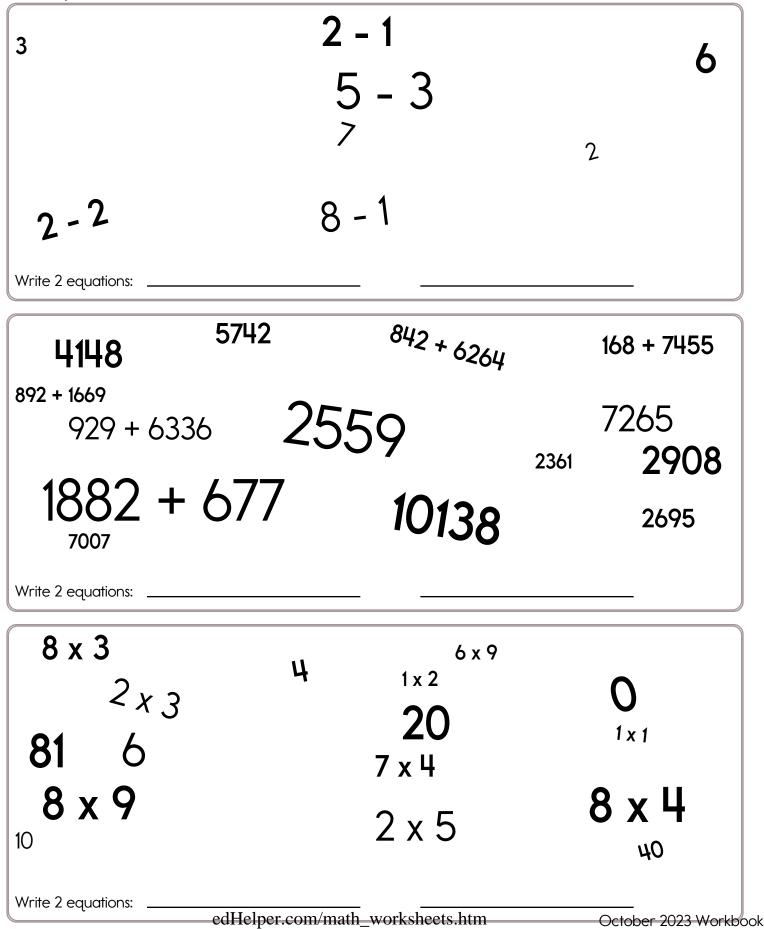
This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

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: 4 tens, 2 tens, or 3 tens. The other three numbers have to all be DIFFERENT and must be from these: 5 tenths, 7 tenths, 1 hundredth, or 6 tenths.



Name: _

Find 2 equations hidden in each box. Good luck!



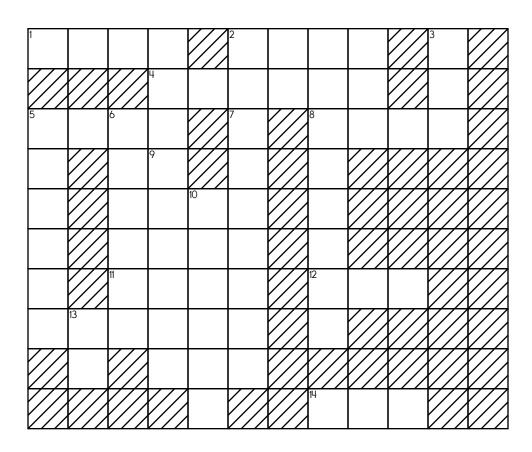
Name: _

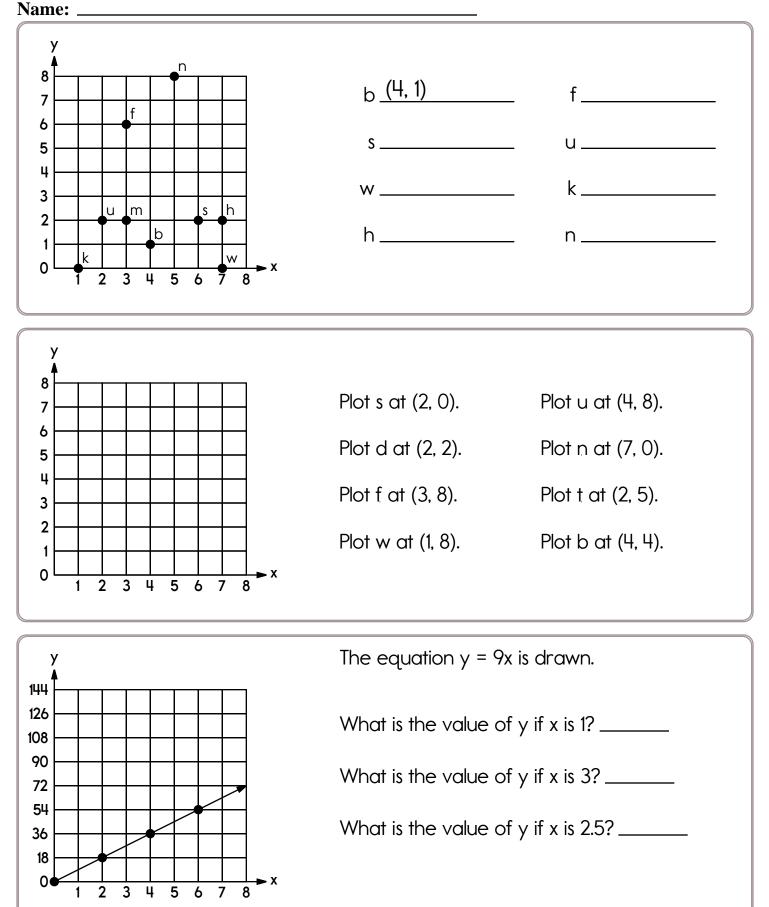
ACROSS

- 1. the hundreds in 2-Across + the ones in 12-Across + the tens in 8-Down + the thousands in 5-Across
- 2. the tens in 13-Down + the thousands in 8-Across + the hundreds in 8-Down
- 4. the ones in 13-Down + the hundred thousands in 9-Down + the hundreds in 3-Down + the tens in 8-Across
- 5. the ones in 4-Across + the thousands in 8-Across + the tens in 2-Across
- 8. two thousand, two hundred twenty-three
- 11. the thousands in 8-Across + the ones in 13-Down + the hundreds in 8-Down + the tens in 12-Across
- 12. the hundreds in 8-Down + the ones in 13-Down + the tens in 8-Across
- the tens in 12-Across

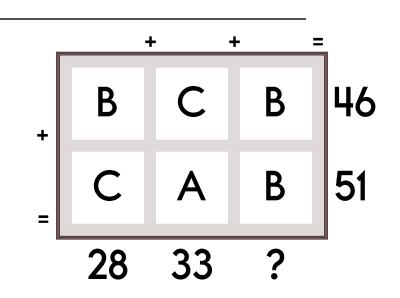
DOWN

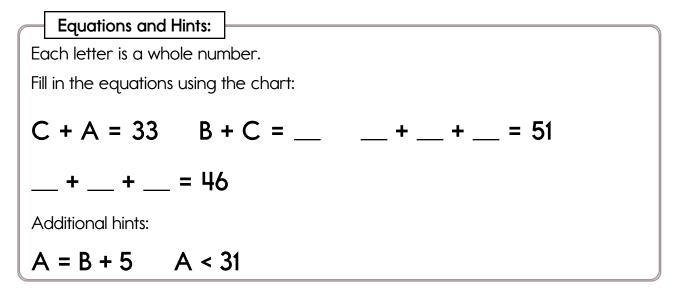
- 3. the ones in 13-Down + the tens in 8-Across + the hundreds in 9-Down
- 5. the hundred thousands in 8-Down + the tens in 4-Across + the hundreds in 3-Down
- 6. the hundreds in 12-Across + the ones in 13-Down + the tens in 5-Down + the hundred thousands in 9-Down
- 7. one million, one hundred nine thousand, three hundred ninety-nine
- 8. two hundred sixty-eight thousand, five hundred fifty
- 9. the tens in 8-Across + the ones in 11-Across + the hundred thousands in 8-Down + the hundreds in 12-Across
- 14. the ones in 11-Across + the hundreds in 2-Across + 10. the ones in 11-Across + the thousands in 8-Across + the tens in 2-Across + the hundred thousands in **4-Across**
 - 13.7 + 16











Show Work:

Solve: ? = ___

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

4, 24, 27, 162, 165, 990, _____, ____

7, 42, 45, 270, 273, 1638, 1641, _____, ____

2, _____, ____, 558

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

$\frac{1}{6561}$, $\frac{1}{729}$, $\frac{1}{81}$, $\frac{1}{9}$,	
(1), (9), (81), (729),	
(6,561),	
$\frac{1}{36}$, $\frac{1}{6}$, (1),	
(6), (36), (216),	
(1,296),	

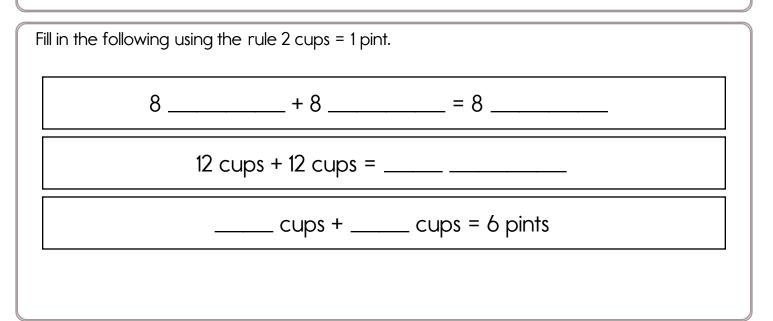
Name:

Complete each pattern,]
	, 240, 2	.30, 220, 210	, 200, 190, 180		
,		,	_, 80, 70, 60, 50	, 40, 30	
		, 200, 190	. 180, 170,	_	
2	240,	_, 220,	,, 10	90	
Complete each pattern.	Write what	the rule is.			
19, 28	8, 39, 52,	67,	_,, 124, 1	47, 172	
32, 41, 52, 65, 80,	97,	,,	,	_, 212, 241, 272, 305	
48, 57, 68, 81,	96,	,,	153, 176, 201, 228	3,, 288	

Name: _

Robot Wendy likes to be tricked. Show at least 5 different ways to make 5,800. One of your ways should be WRONG to trick Robot Wendy.

Weather person Sarah was at it again. She promised to stay awake for as long as the sun was out. She woke up with the rise of the sun at 5:10 a.m. The sun will set in 15 hours and 13 minutes. What time will Sarah go to bed?



Name: .

Find the missing numbers. These both have the same rule. What is the rule? Τf Tf 1.1=2 7,7=14 2.2 = 48,8=16 3.3=6 9.9 = 18 4.4 = 810,10 = 20 Then Then 6.6=? 15.15 = ? Hint: The answer is NOT 10.

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

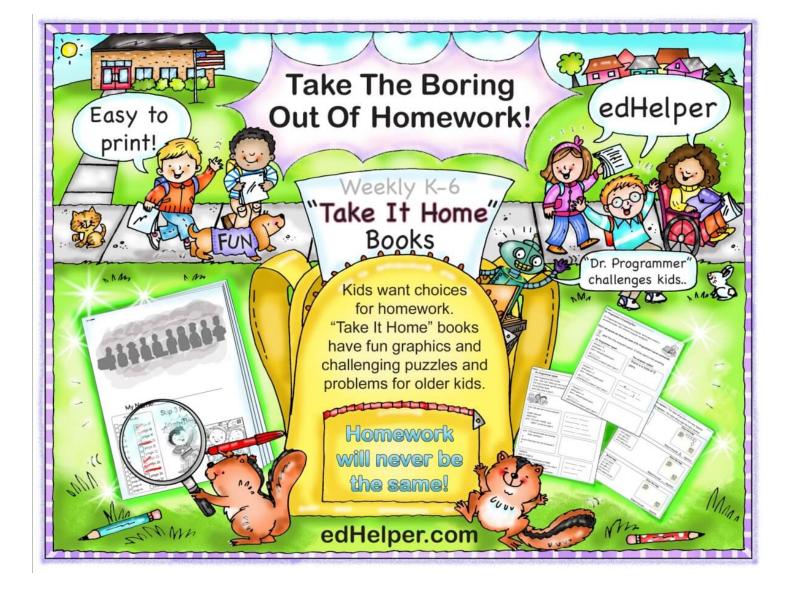
44656, 64465, 56446, 65644, _____, 64465,

56446, 65644, 46564, 44656, 64465, 56446, 65644

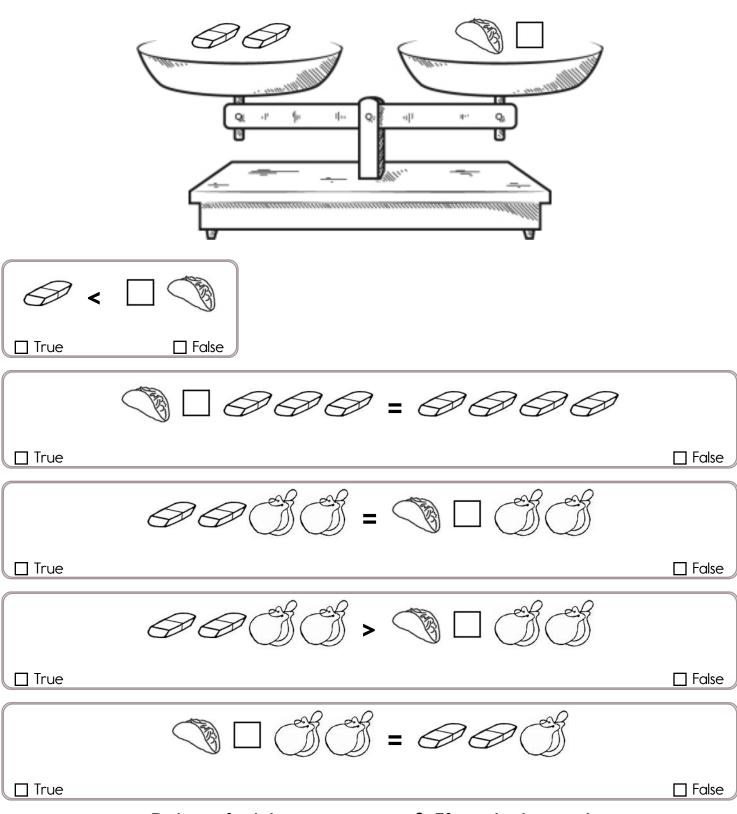
86819, 98681, 19868, 81986, _____, ____, 98681,



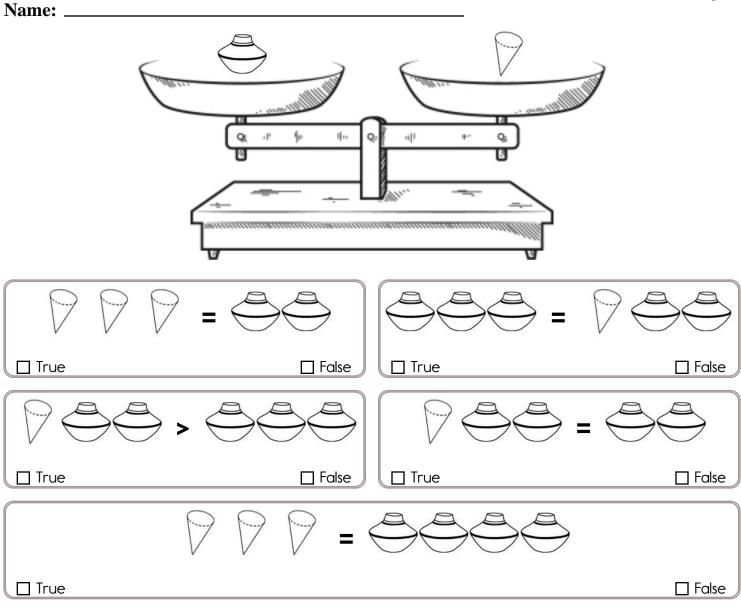
 $edHelper.com/math_worksheets.htm$







Did you find that two are true? If not, look again! You should only mark TRUE if you are absolutely sure it is correct!



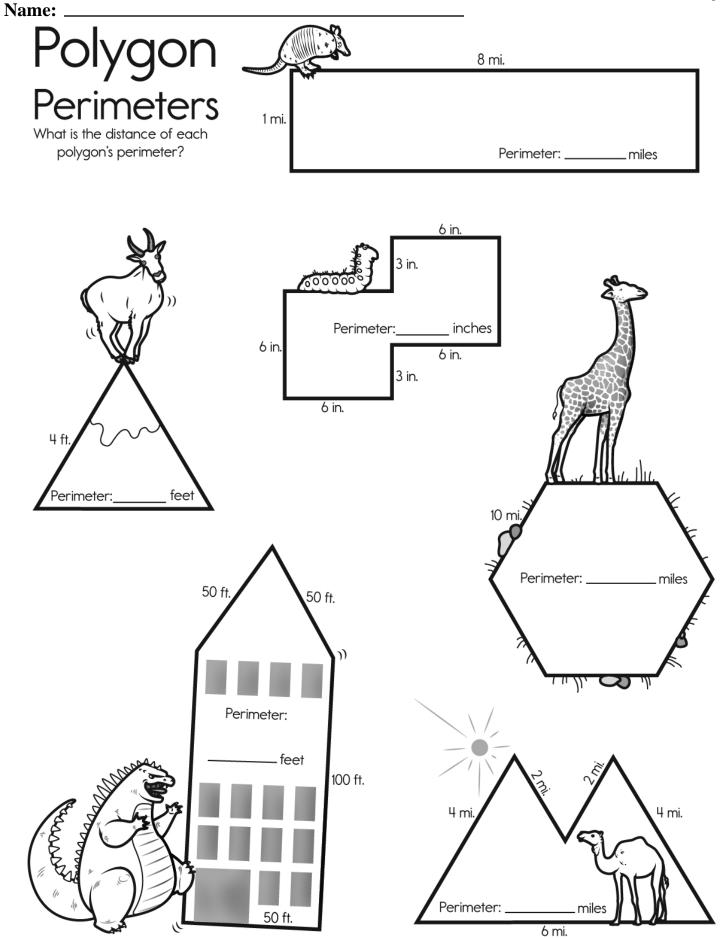
Did you find that one is true? If not, look again! You should only mark TRUE if you are absolutely sure it is correct!

11 x 8 ÷ 4	Yummy Donuts gave two dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?	Round 54,267 to the nearest hundred.
1 km = 1,000 m	Choose the word that best completes the sentence.	
6 km = m	Mrs. Thompson has (two/to) sets of twins!	

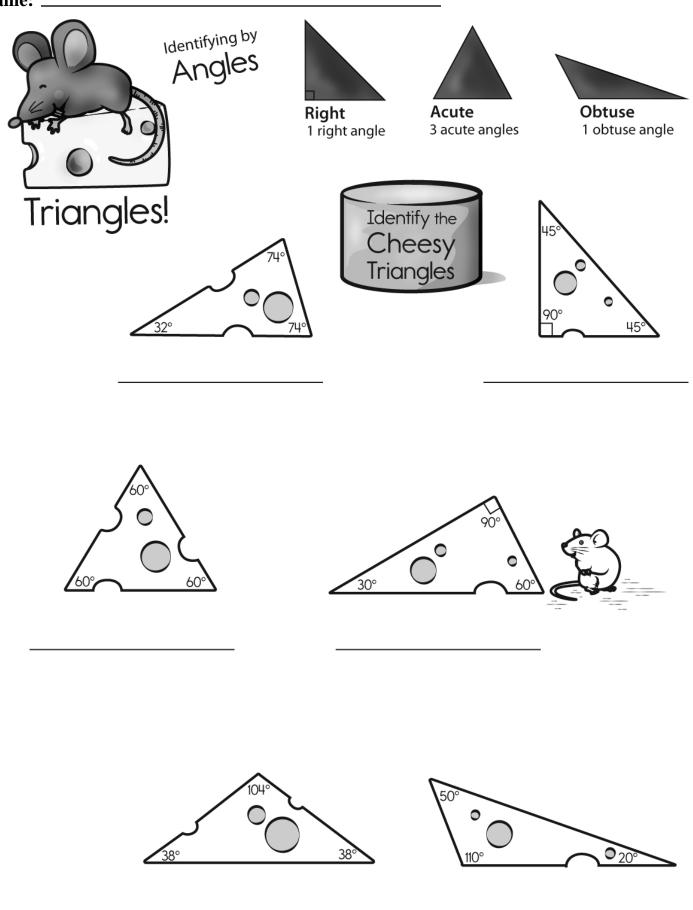
edHelper.com/math_worksheets.htm

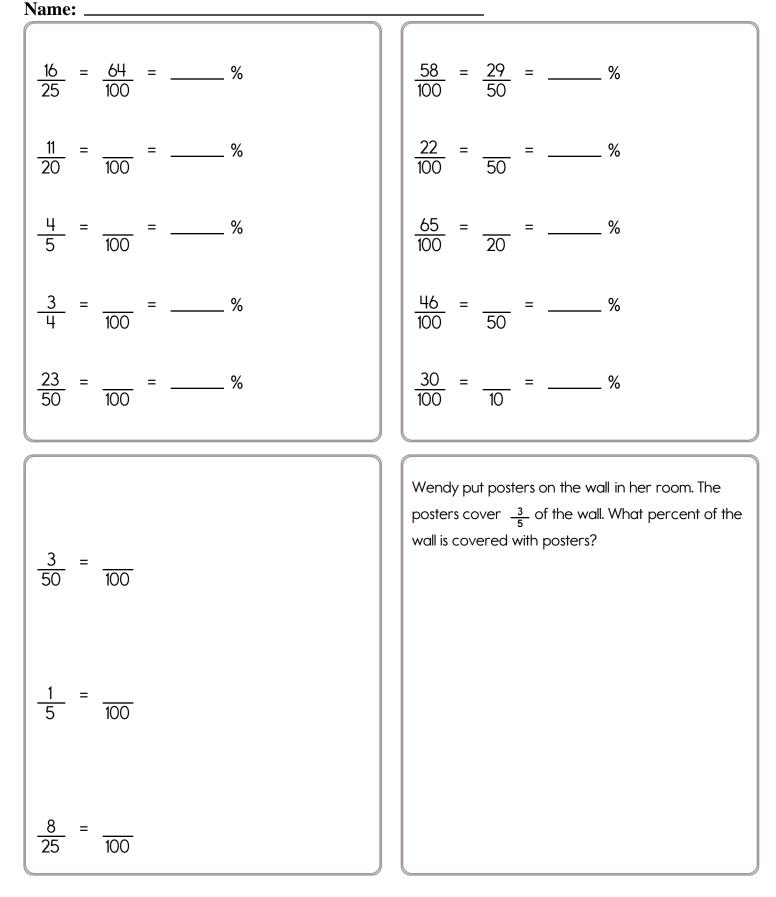
Name: What is the smallest prime Circle all of the sums which If today is Saturday, then number greater than 20? what day was it 21 days are odd. ago? 43 + 4111 22 50 + 49Friday 29 30 + 33Saturday 23 Wednesday Circle all of the following If 100 cm = 1 m, then which 37 + 37 + 37 + 37 = of the following is equal to that are not whole 18 m? numbers. 37 x ____ 1800 m 25 - 3 2 3 - 25 180 m 4 $25 \div 3$ 180 cm 5 25 + 31800 cm 3 3 x 25 25 x 3 If you add 8 to an even Circle the equation with 11 hundreds + 5 tens + 7the largest value. number. the new number ones = must be $4 + 3 \times 5$ 1148 $2 + 5 \times 9$ 1162 prime $3 + 3 \times 10$ 1157 odd 5 + 1x4even Which of the following is 66:6=44:____ 40:4 = 50:____ closest in value to 9085? 9.137 4 10 9.008 4 6 9.034 5 12 9.017 12 5 2 hundreds + 3 tens + 16If you add 6 to an even Circle the equation with ones = number. the new number the largest value. must be 246 $4 + 1 \times 11$ 245 $2 + 2 \times 7$ odd $3 + 2 \times 5$ 2316 prime 253 $3 + 1 \times 4$ even

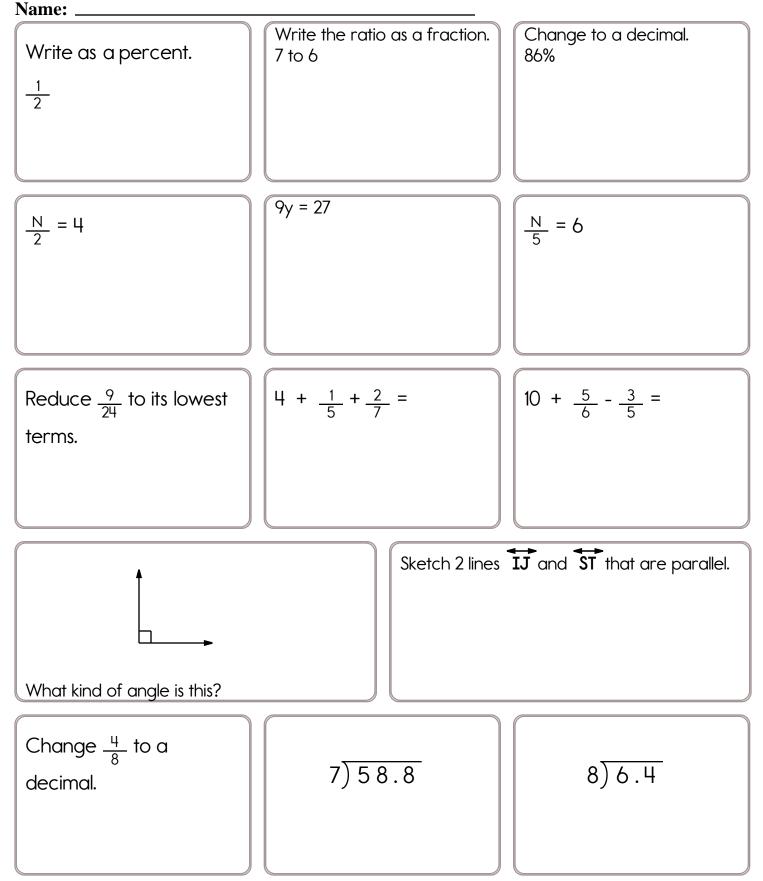
edHelper.com/math_worksheets.htm

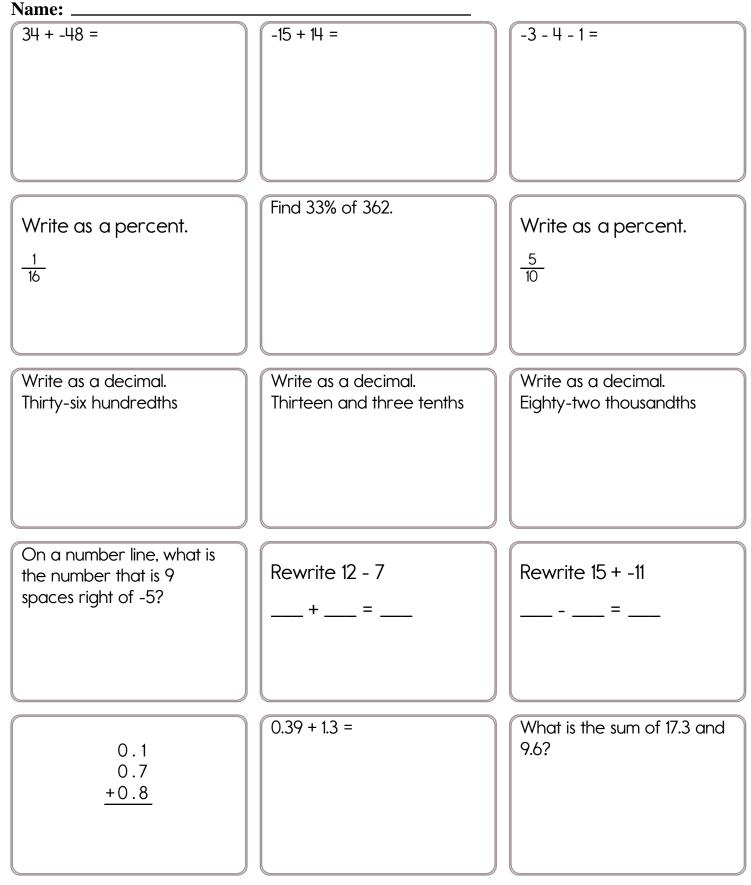


edHelper.com/math_worksheets.htm









Amanda drew a large rectangle and then a little square. She wants to draw and color in little squares inside of the rectangle. Each time she draws a little square inside the rectangle, she will color it with a different color. She has a total of 192 different colored crayons. How many different colored small squares will she be able to fit in this rectangle?

Draw two different rectangles using the
vertices.

1	2	3	4
12	18	24	30
36	42	48	54
60	66	72	78
84	90	96	102

a. If this pattern continues, in which column would the number 138 be?

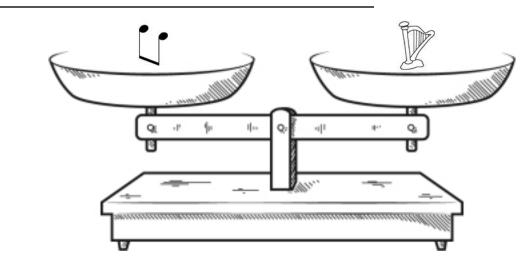
b. If this pattern continues, would the number 255 be in any of the columns? If so, which column? Megan is going to meet up with her friend Anne at the mall. It's Anne's birthday, so Megan is planning on treating her to lunch and the movies.

a. Where do you think Megan should take Anne to lunch? Estimate how much lunch will cost.

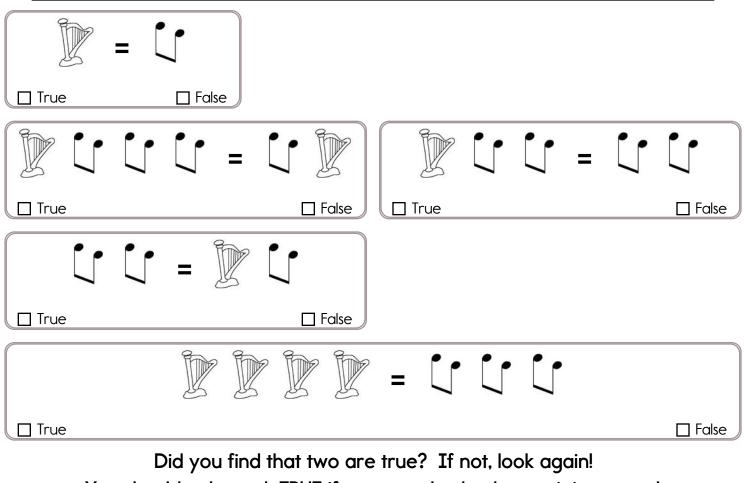
b. How much do you think 2 movie tickets will cost? Remember you are just estimating!

c. How much money would you tell Megan to take out of the ATM so she has enough money for the mall?



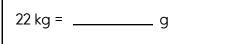


Look at the balance. What does it tell you? Write a sentence to explain.



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

Write one synonym for this word. frequent





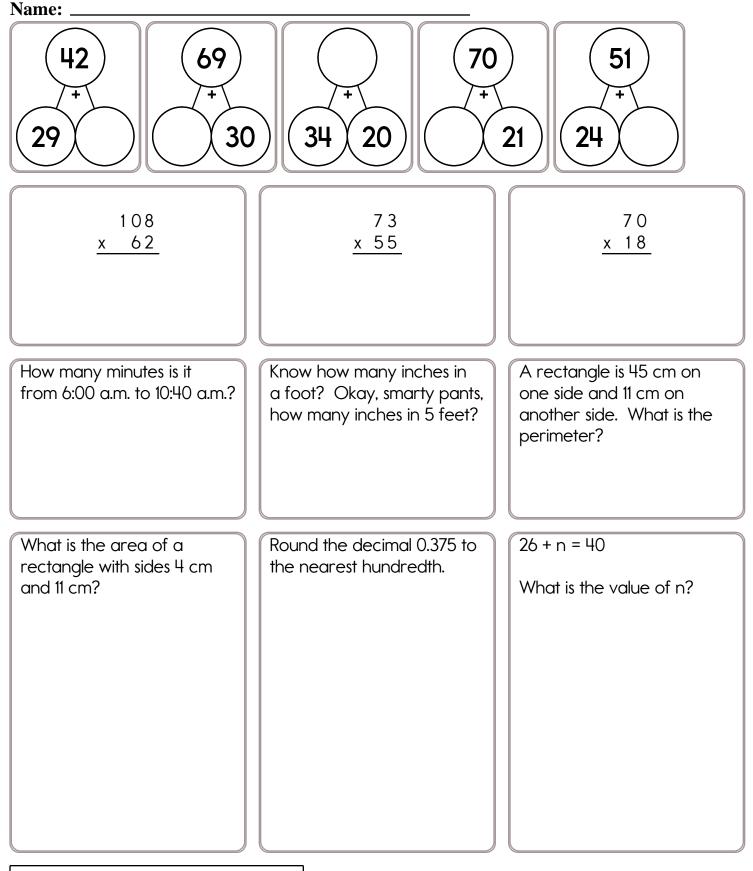
Name:		
8 + n = 18	n - 11 = 17	What is the least common multiple of 3 and 11?
What is the greatest common factor of 9, 30, and 33?	32 - x = 25	What is the least common multiple of 4 and 2?
n + 7 = 19	What is the least common multiple of 4 and 8?	What is the greatest common factor of 3 and 12?
Subtract 78 from 476.	Subtract 73 from 610.	8,7 5 9 <u>- 1,6 3 7</u>

Pam 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 nine hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$11.90 per hour. How much will her first paycheck be?

Sketch an acute angle named \angle FGH.

What kind of angle has a measure of 180°?

Sketch an obtuse angle named \angle GHI.



Add the correct end punctuation for this sentence.
Please get me the remote control

The number 350 is the smallest whole number that when rounded to the nearest

_____ will be 400.

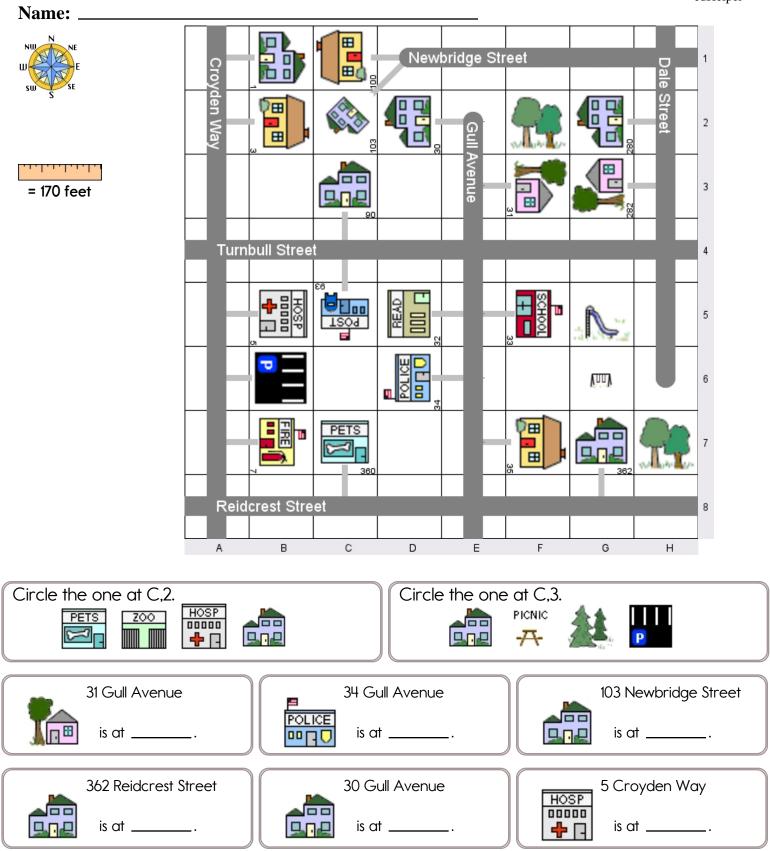
I am a 3-digit number greater than 900. My first and last digits are the same. Write any number that fits this.

The product of three consecutive numbers is 336. What are the numbers?

Name: 5 6 $+4\frac{3}{6}$ 65 -8 $+\frac{2}{5}$ <u>1</u> 6 +15 $+\frac{3}{6}$ $-\frac{1}{5}$ -32 -12 +48 -17 48 4 -7 4/6 $+\frac{2}{5}$ -2 4/6 -39 - 3 5 3 5 $61\frac{1}{15}$ +52 -5 +1 85 -<u>67</u> 288 +304 (3 + 4) + 8 =

word root crypt can mean secret crypt, cryptic

edHelper.com/math_worksheets.htm



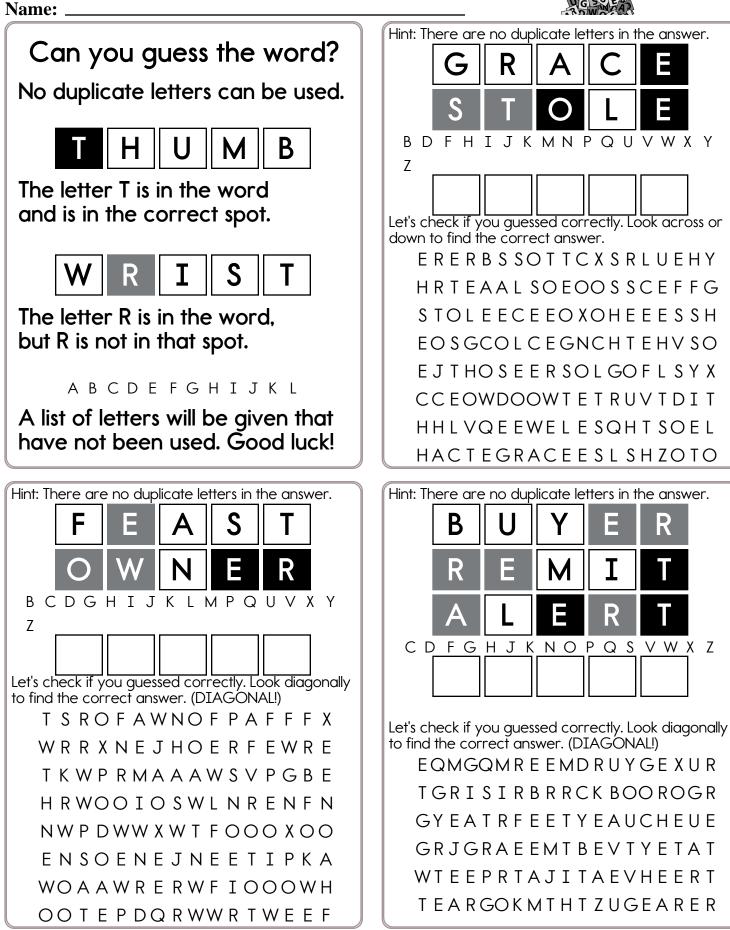
Name:	
Which street has a police station?	The school at 33 Gull Avenue is across from
Which street has a library?	
Go to drive from the	Newbridge Street is
library at 32 Gull Avenue 🛄 to the	of Reidcrest Street.
house at 35 Gull Avenue 📠 .	Turnbull Street is
[Hint: Use north, south, west, or east.]	of Newbridge Street.
Write the total distance to go from the	Write the total distance to go from the
pet shop at 360 Reidcrest Street 📴 to the	house at 100 Newbridge Street 👼 to the
house at 100 Newbridge Street 📠 .	house at 103 Newbridge Street 💼 .
Write directions to get from the house at 280 Dale Street to the house at 282 Dale Street.	

Begin at the house at 3 Croyden Way. Walk the path to the road. The distance from your starting point to the road (the little path) is 48 feet. Go south on Croyden Way. Your final destination is on the east side of Croyden Way. You will have walked a total of 96 feet from your starting point (including the 48 feet path at the end of your walk). What is your final destination?

ame:								edHelper
Person	Jessica	Justin	Sarah	Person	Rose	Jason	Anna	Eric
Number of Squishies Four At Jessica's birth scavenger hunt	nday party the	3 ey had a s	91 squishy	Number of Squishies Found At Rose's birthe scavenger hur		11 / they had	5 a squishy	9
If you are wond she found a big she wants to she that everyone v squishies. How r	dering why Sa box of squish are some with vill have almos	ies! She h Jessica a st the same	as so many Ind Justin so e amount of	Who found the How many mo have found to	e fewest : re squish		ne or she	need to
How many shou	ıld Sarah give	to Justin?		If 17 squishies wwere originally			v many s	quishies
Cookies	Number S	Sold Tot	al Sales	Cookies	Nur	nber Sold	Price p	ber Cook
Cookies chocolate	Number S	Sold Tot \$3L		Cookies chocolate	Nur 15	nber Sold	Price p \$2	ber Cook
			ł			nber Sold		oer Cook
chocolate	17	\$3L	ł	chocolate	15	nber Sold	\$2	ber Cooki
chocolate oatmeal	17 18 12	\$3L \$18 \$2L	ł	chocolate oatmeal	15 8 9		\$2 \$1	oer Cook
chocolate oatmeal sugar	17 18 12 I a cookie sale t one chocola	\$34 \$18 \$24 e. e.	ł ł and two	chocolate oatmeal cinnamon	15 8 9 held a ca	ookie sale.	\$2 \$1 \$2	

GSSEA

edHelper

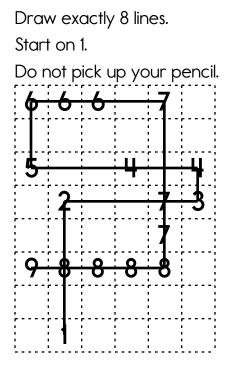


Name:		edHelper
If you add 1 to an even number, the new number must be odd	If you add 7 to an even number, the new number must be prime	Which of the following is closest in value to 4073? 4,020 3,997
even prime	even odd	4,018 4,016
19 hundreds + 9 tens + 9 ones = 2069 1994 1999	35 : 5 = 21 : 3 5 11	60: = 48: 4 2 9 6 5
Which of the following numbers has the most factors? 21 12 7 13	Circle the fractions which equal $\frac{3}{4}$. $\frac{9}{14}$ $\frac{15}{20}$ $\frac{12}{17}$	What is the square of 6? 24 12 216 42 36
Circle the equation with the largest value. 4 + 4 x 7 3 + 1 x 12 1 + 3 x 10 5 + 2 x 4	If you add 2 to an even number, the new number must be even prime odd	Which of the following is closest in value to 7072? 7,012 6,995 6,985 7,010
: 5 = 42 : 6 3 4 35 6 edH	5 hundreds + 8 tens + 17 ones = 597 687 5817 600 elper.com/math_worksheets.htm	Circle the equation with the largest value. 4 + 2 x 4 3 + 4 x 6 4 + 2 x 6 2 + 2 x 9 October 2023 Workbook

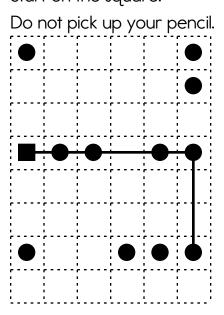
Name: .

Can you draw lines to cover every number or shape in the picture?

You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.



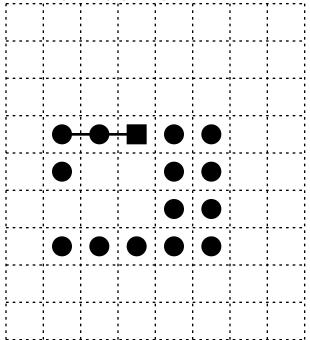
Draw exactly 9 lines. Start on 1. Do not pick up your pencil. 2 1 1 2 6 5 5 3 4 4 6 8 7 9 9 10 Draw exactly 6 lines. Start on the square.

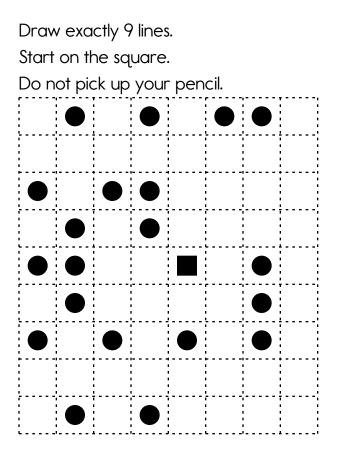


Draw exactly 6 lines.

Start on the square.

Do not pick up your pencil.







Name: _

Complete each pattern. Write what the rule is.

105.4	110.8	116.2
121.6		132.4
137.8	143.2	
154	159.4	

Complete each pattern. Write what the rule is.

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

Subtract
$$\frac{1}{5}$$

Hannah has 143 Zeemos, which are tiny hairy stuffed animals. To keep them from her younger siblings, she wants to put them away. Her desk has 5 drawers, and she can fit 27 into each drawer. How many will still need a home after she fills her desk drawers?

During recess, three out of every four kids were playing soccer. The rest played basketball. If ninety-six kids were at recess, then how many kids were playing soccer? Gavin and Emma are playing bingo with their class. Their teacher put 53 numbers into a box and said that the box has 7 more even numbers than odd numbers. What is the ratio of the number of even numbers to the number of odd numbers in the box?

Jack used a gift card to purchase a custom baseball jersey. Unfortunately, he needs to wait. The seller said he should receive it in 2 to 4 weeks. If today is June 20, what would be the latest date that the package might arrive?

October 2023 Workbook

Name:

Name:			
72 14 63 56 35	Express each ratio in simplest form.		
91 40 29 88 87	12:6 = 27:9 =		
59 68 72 91 44			
33 15 26 17 70			
What is the ratio of odd numbers to even numbers?	60:15 = 70:14 =		
What is the ratio of numbers less than 52 to numbers 52 or greater?	72:8 = 78:13 =		
Justin flipped a coin 20 times. He counted a	72 14 63 56		
total of 13 tails. What is the ratio of heads flipped to tails flipped?	35 91 40 29		
	88 87 59 68		
	72 91 44 33 15 26		
Sarah got a hit in 6 of her 8 softball games. What is the ratio of games she went hitless to games she got a hit?	What is the ratio of numbers divisible by 5 to those numbers not divisible by 5?		
	What is the ratio of numbers divisible by 8 to those numbers not divisible by 8?		

Name: _

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

9, 9, 4, 4, 4, 4, 9, 9, 9, 9, 9, 4, 4, 4,

4, 9, 9, 9, 9, 9, 9, 9, 9, 4, ____, ____, ____, ____,

5, 5, 3, 3, 3, 3, 5, 5, 5, 5, 5, 3, 3, 3,

3, 5, 5, 5, 5, 5, 5, 5, 3, 3, ___, ___,

Complete each pattern. Write what the rule is.

52514, 25145, _____, ____, 45251, 52514, 25145,

51452, 14525, 45251, 52514, 25145, 51452, 14525

22732, 27322, 73222, 32227, 22273, 22732, 27322,

73222, 32227, 22273, _____, 73222, _____

Emily 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 19 away from

83. Can you guess my favorite number?" asks Emily.

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 120 of them! The cool part is that 2 out of every 10 zebras at Zippy Zoo are not real zebras. They are robots. "Wow," says Sally. "How many robot zebras are there?"

triple 70 =

How many total legs are on 15 chickens?

How many total legs are on 2 zebras and 3 ants?

Mary lives in Havana where it is currently Sat. at 12:15 p.m. She made a phone call to Megan who lives in Perth. It is 1:15 a.m. and Sun. in Perth. What is the difference in time?

I am a whole number. When rounded to the nearest ten, the answer is 140. The sum of my digits is 11. What number am I?

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

2 1 3 Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 21.

edHelper

Name: _

Patterns

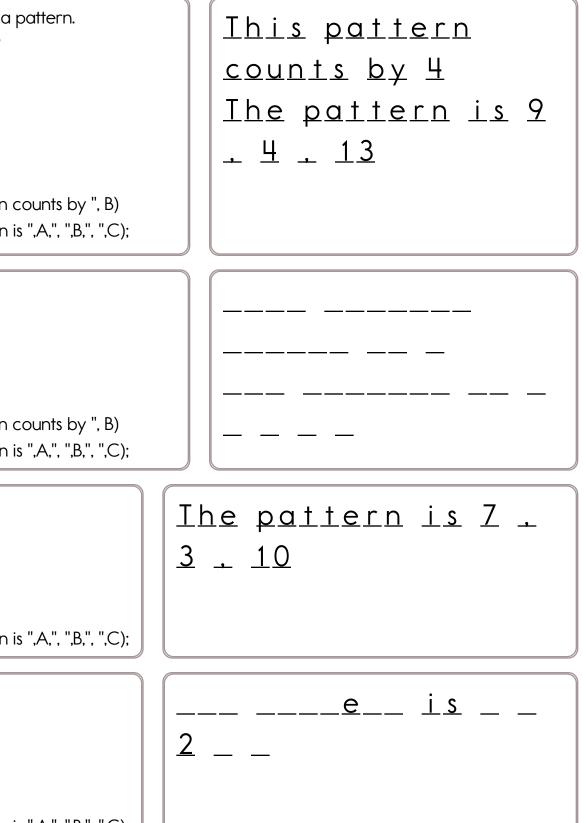
Dr. Programmer typed:

Trying to make a pattern.
Does this work?
A = 9
B = 4
C = A + B
D = C + B
E = D + B
print ("This pattern counts by ", B)
print ("The pattern is ",A,", ",B,", ",C);

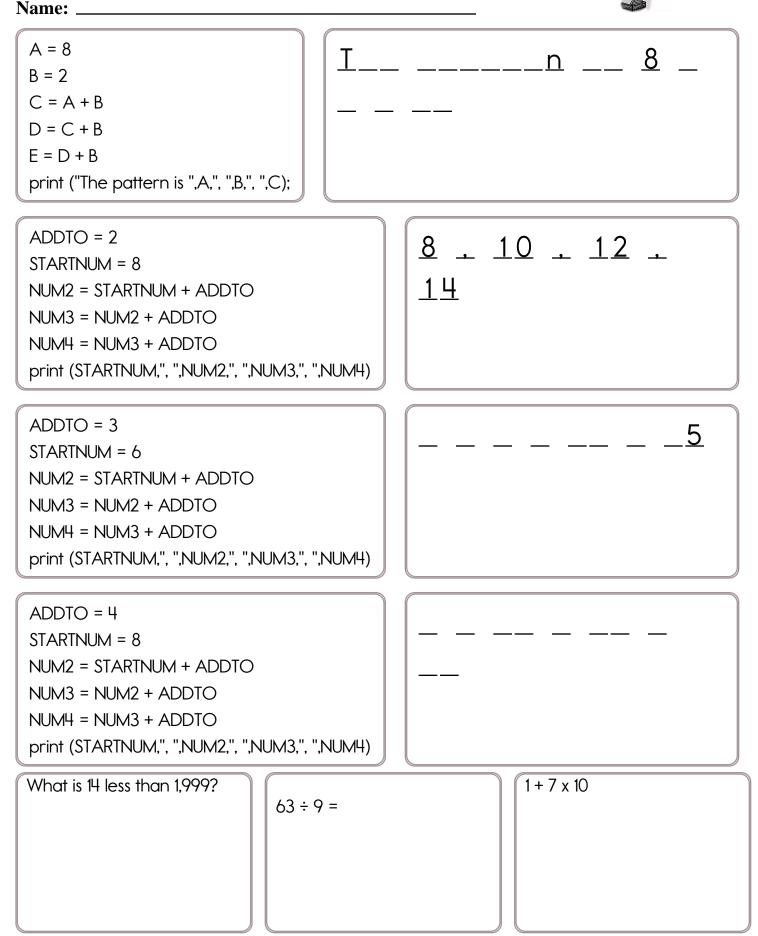
A = 6 B = 3 C = A + B D = C + B E = D + Bprint ("This pattern counts by ", B) print ("The pattern is ",A,", ",B,", ",C);

A = 7 B = 3 C = A + B D = C + B E = D + Bprint ("The pattern is ",A,", ",B,", ",C);

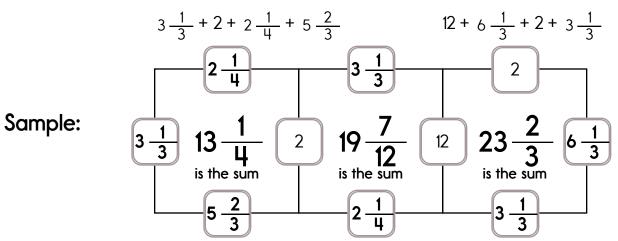
A = 7 B = 2 C = A + B D = C + B E = D + Bprint ("The pattern is ",A,", ",B,", ",C); The computer replied:



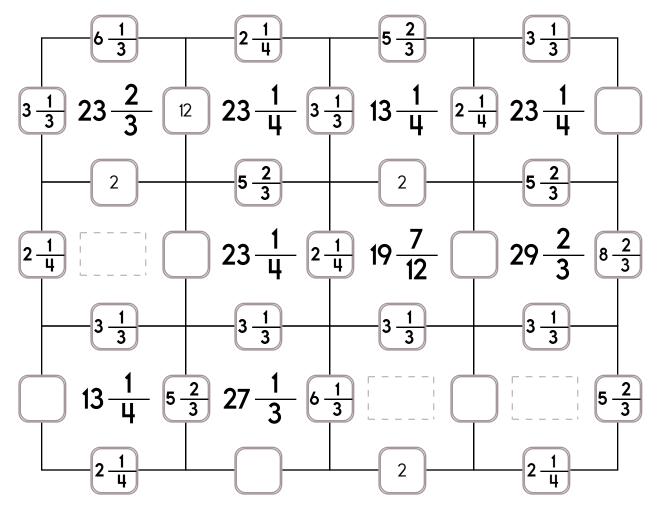
edHelper



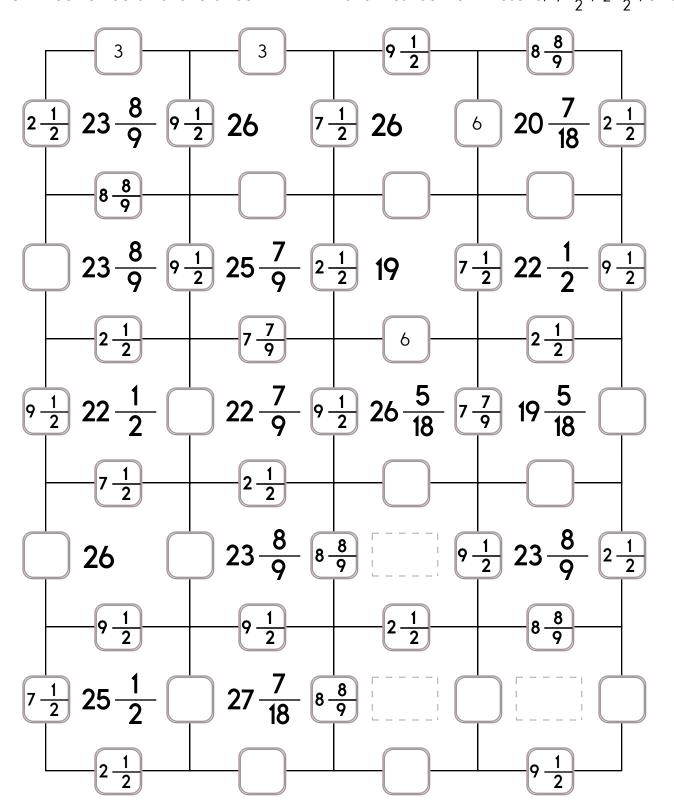
This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

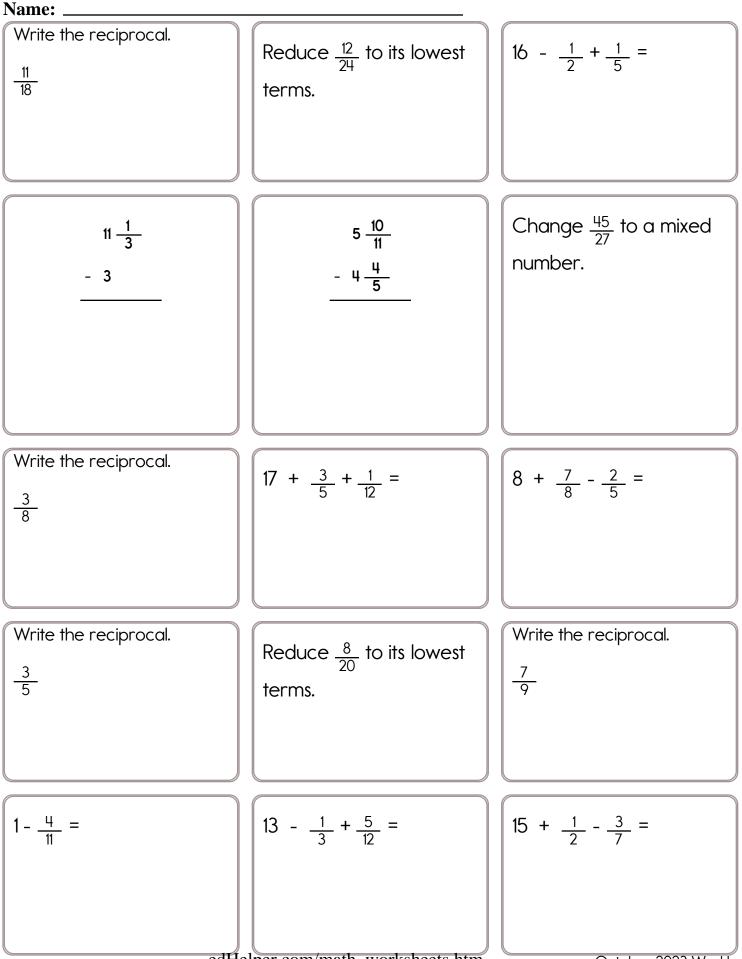


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: $8\frac{2}{3}$, $6\frac{1}{3}$, or $2\frac{1}{4}$. The other three numbers have to all be DIFFERENT and must be from these: $5\frac{2}{3}$, 12, 2, or $3\frac{1}{3}$.



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: $7\frac{1}{2}$, $7\frac{7}{9}$, or $8\frac{8}{9}$. The other three numbers have to all be DIFFERENT and must be from these: 6, $9\frac{1}{2}$, $2\frac{1}{2}$, or 3.

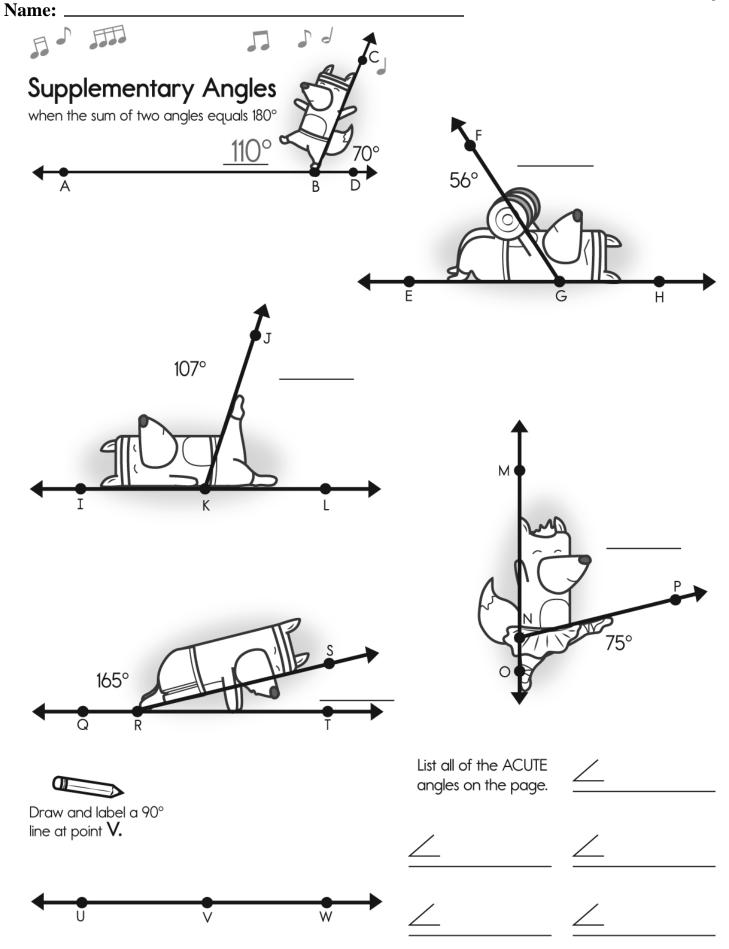




edHelper.com/math_worksheets.htm

October 2023 Workbook

Name:	
240 ÷ 4 = A) 176 R2 B) 6050 C) 60 D) 10	If you wanted to estimate the difference of 52 and 26, what would your answer be (round by tens)? A) 19 B) 21 C) 10 D) 20
 Which of the following numbers will have a remainder when it is divided by 9? A) 54 B) 81 C) 73 D) 45 	Which of the following has the smallest value? A) 34 B) 0.34 C) A and B are equal.
Which of the following has the smallest value? A) 0.12 B) 0.02 C) A and B are equal.	Which of the following has the greatest value? A) 0.219000 B) 0.219 C) A and B are equal.



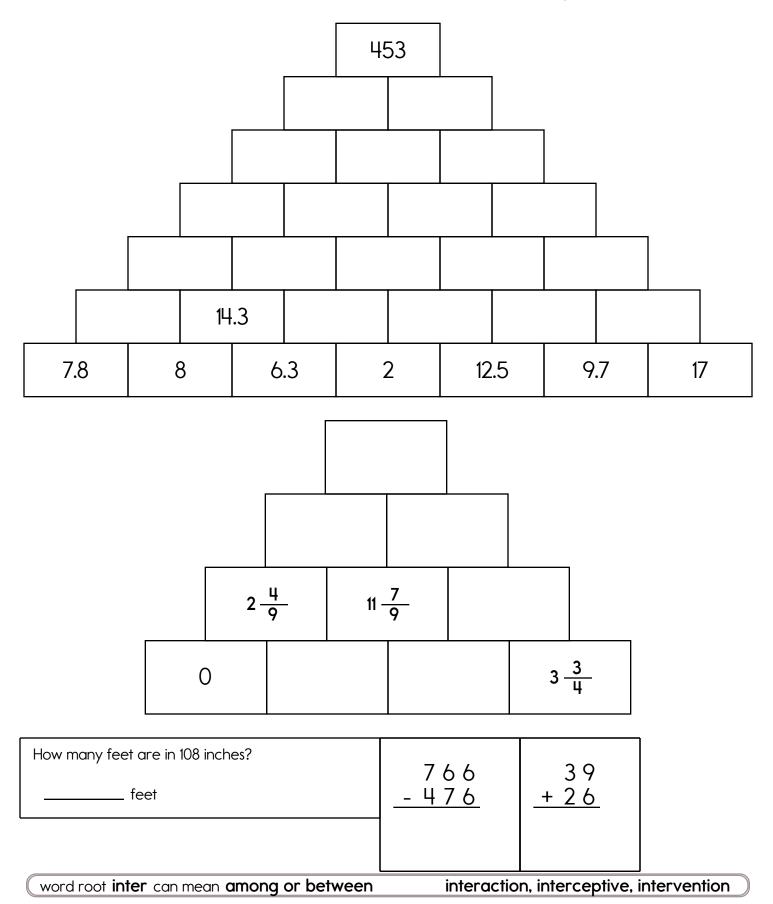
 $edHelper.com/math_worksheets.htm$

October 2023 Workbook

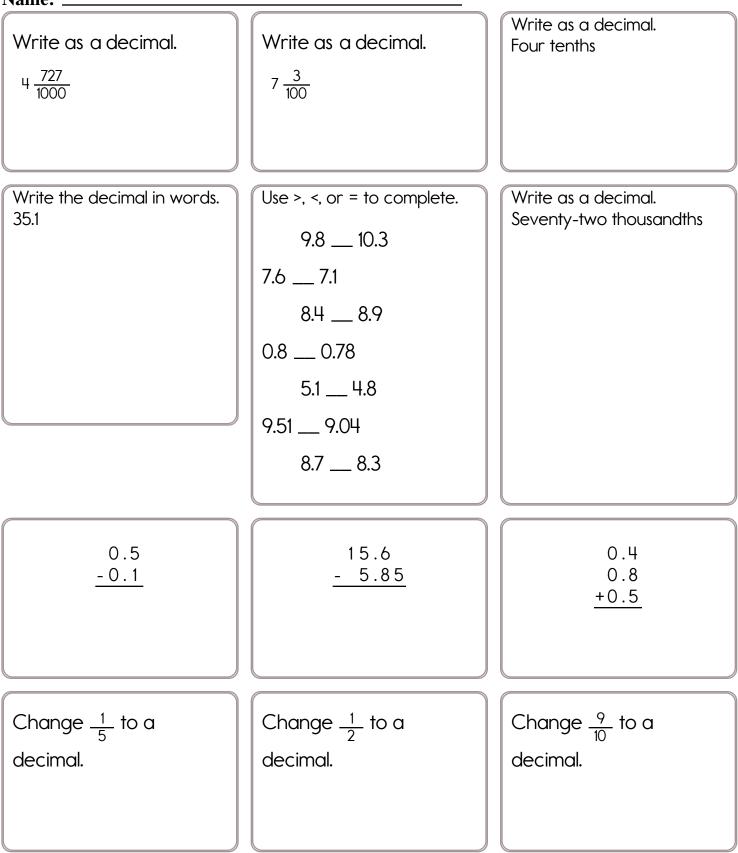
Name:	edHelper
Nathan tried to measure his resting heart rate. His heart beat a total of 28 times in 24 seconds. Anne measured hers. She counted a heartbeat of 107 in 150 seconds. Well-trained athletes tend to have resting heart rates that can be as slow as 40 beats per minute. Would you guess that Nathan or Anne was a well-trained athlete?	 Holly and Amy each want to buy \$102 rugs for their rooms. Who will be able to buy it first? Holly has \$28 saved. She earns \$12 each week and plans to save it all for the rug. Amy has \$35 saved. She earns \$7 each week and plans to save it all for the rug.
Emily and David like to ride their electric scooters on the weekend. Emily rode a total of 156 miles this weekend, and her average speed was 26 miles per hour. David rode a total of 315 miles this weekend, and his average speed was 35 miles per hour. Which rider rode for the longest amount of time?	Amanda and two of her friends are playing a game where they can spend HBucks to buy extra lives and potions. Who spent the most HBucks? To purchase 2 extra lives costs 8 HBucks. To purchase 5 potions costs 3 HBucks. Amanda bought 10 extra lives. Hannah bought 10 extra lives and 10 potions. April bought 4 extra lives and 15 potions.

Name: _

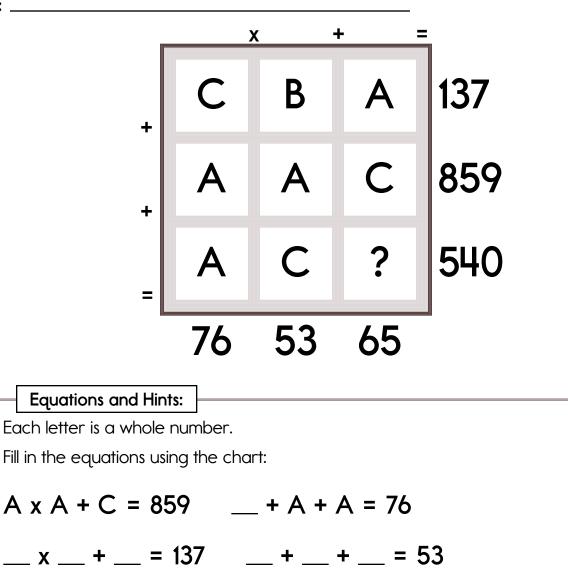
The block above is the sum of the two blocks below. Fill in the missing blocks.











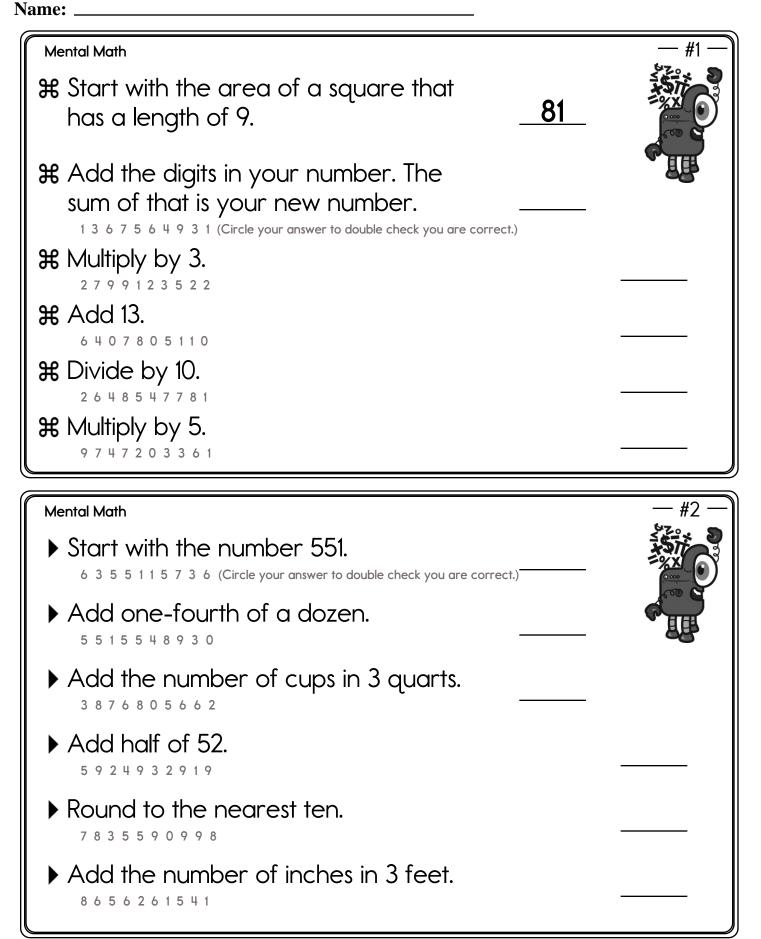
Additional hints:

 Show Work:]

Solve: ? = ___

Complete each pattern. Write what the rule is.

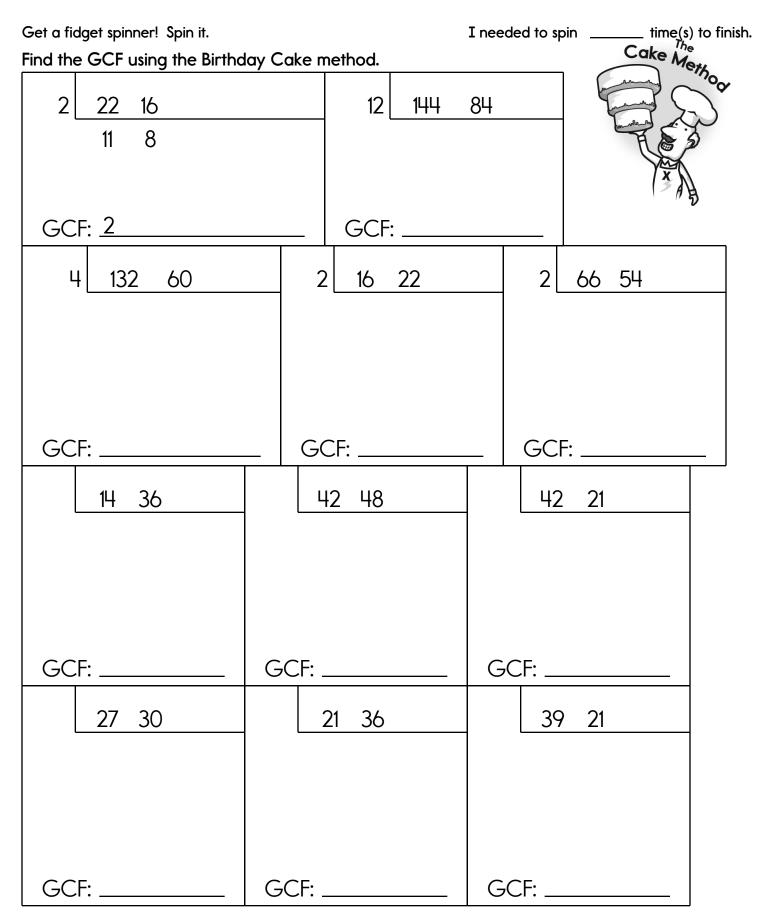
4	24	144	864	5,184	31,104
1		64	512	4,096	32,768
5	35		1,715	12,005	84,035
2	18		1,458		118,098



Name: _____



edHelper

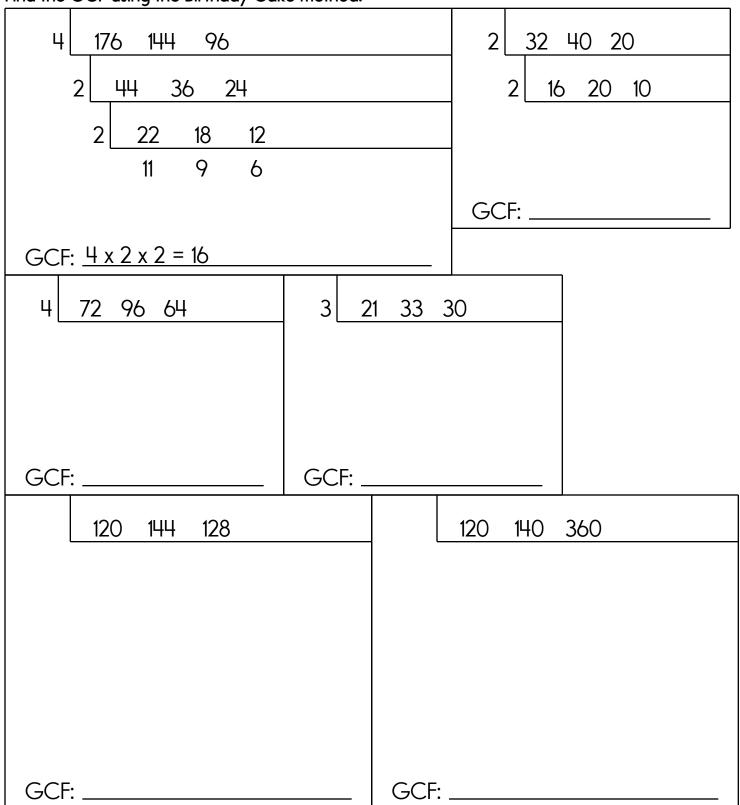


Name: _____

Spin again.

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

Find the GCF using the Birthday Cake method.



edHelper





