

26.4	+16.5		+48		-65.2		+56		-38.8	
------	-------	--	-----	--	-------	--	-----	--	-------	--

Name: \_\_\_\_\_

Pick 26 to do:

Skip 2 pages.

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# Challenge Math Book 24

74
-23.3
+4.7
+7
+29
+19.6
+18

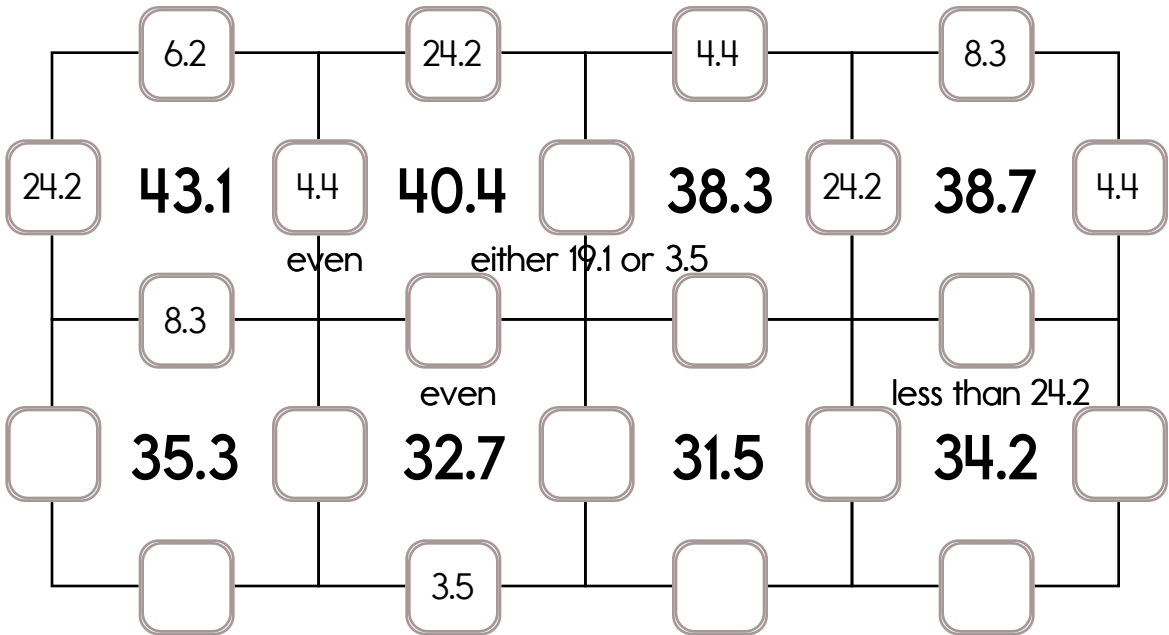
+22.1
-25.3
-12
+54.6
-74
+58
66.3
-28.9



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: 23.9, 24.2, or 19.1.

The other three numbers have to all be DIFFERENT and must be from these: 5.7, 6.2, 3.5, 8.3, 1.8, 4.4, or 9.8.



	+5.8		+2.9		-3.4		+9		-32.7	
--	------	--	------	--	------	--	----	--	-------	--

Name: \_\_\_\_\_

Cross off the number that does NOT belong.

41, 57, 68, 73, 89, 105, 121, 137

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

101, 87, 74, 62, 51, 41, 32, 24, 23, 17, 11, 6

Why does \_\_\_\_\_ not belong in the pattern?

Name: \_\_\_\_\_

Pam was curious about what day will be her teacher's birthday. Today is Wednesday, and it is the 86th day of school.

"My birthday will be celebrated in 14 school days. There are 5 days each week for school and there are no upcoming holidays. Anyone know on what day of the week will be my birthday?" asked Mr. Brown.

Round 55 to the nearest ten.

Name the shape with three sides and three angles.

How much greater is 186 than 49?

$$5 \times \underline{\quad} = 60 = \underline{\quad} \times 15$$

$$8 \times 10 = \underline{\quad} = 20 \times \underline{\quad}$$

$$6 \times \underline{\quad} = \underline{\quad} = 27 \times 2$$

$$10 \times \underline{\quad} = 60 = \underline{\quad} \times 12$$

$$8 \times \underline{\quad} = \underline{\quad} = 12 \times 6$$

Circle the better deal.

3 packs of Cool Squishies for \$2 (each Cool pack comes with 6 squishies)

4 packs of Wacko Squishies for \$4 (each Wacko pack comes with 3 squishies)

You have a playdate in 180 minutes. How many hours is that?

Name: \_\_\_\_\_

Jessica likes to run. She used a running app on her phone in July. During the month, she ran an average of 2.3 miles per day. How many miles did she run for the entire month?

$$\begin{array}{r} 29 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 82 \\ \hline \end{array}$$

Subtract 77 from 681.

What number is halfway between 35 and 39?

If you exchange 120 dimes for dollars, then how many dollars would you get?

$\frac{1}{36}$ , \_\_\_\_\_, (1), (6),  
(36), (216), (1,296),  
(7,776)

1 cm = 10 mm

8 cm = \_\_\_\_\_ mm

Cross out all of the prepositional phrases in the sentence.

Mark frowned at Sarah after the competition.

Name: \_\_\_\_\_

At the party store, Rosa is looking at the premade goodie bags. They sell 5 goodie bags for \$5.59. She needs to buy 30 goodie bags. How much will that cost?

At Emily's Books, they are having a big sale. All the blue books are \$8, and Emily, the owner, makes 43 cents from each sale. She is hoping to earn \$20 during the big sale. How many books will she need to sell?

The difference between two numbers is 490. The average of these same two numbers is 639. One of the numbers is 884. What is the other number?

Justin 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 3 weeks. If today is May 22, what would be the latest date that the package might arrive?

☐

I did page 5

☐I decided to skip this page  
edHelper

Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME**☐(Check the  
box after  
you play.)**MY SCORE**

\_\_\_\_\_



$$34 \overline{) 4760}$$

$$9 \overline{) 243}$$

$$2 \overline{) 20}$$

Divide and write remainder.

**Name:** \_\_\_\_\_

Mrs. McCormack was gathering all the supplies for her class's Valentine's Day party. The 23 kids in her class were so excited to celebrate by handing out cards and making crafts. The students had signed up to bring most of the goodies for the party, but Mrs. McCormack needed to purchase plates, napkins, and drinks. She counted the juice boxes, water bottles, and milk cartons. She decided to buy 3 six-packs of each beverage. If each student is going to have an equal number of drinks, how many drinks can they each have?

Show your work.



Name: \_\_\_\_\_

## Can you guess the word?

No duplicate letters can be used.

**S** P R A I N

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

P **A** R I T Y

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

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

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

Hint: There are no duplicate letters in the answer.

**F** **O** **S** **T** **E** **R**  
**S** **O** **U** **R** **C** **E**

A B D G H I J K L M N P Q V W X  
Y Z

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

CFEMCNUYF SWCFUEEERV  
HSEATRUFRCRFS SCCR SI  
KSSSURSOURCECNAKCSO  
EHCUJSFDKRCOURSEOOT  
PSLSZFSEETUSEEUROIC  
SYUEFOSTERRSNQSRWCE  
PORURJEUCJUOUCEEOSE  
UESOOCRHCSTSRSEEOSX

Hint: There are no duplicate letters in the answer.

**E** **N** **G** **U** **L** **F**  
**W** **I** **N** **T** **E** **R**  
**R** **E** **M** **I** **N** **D**

A B C H J K O P Q S V X Y Z

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

RRCENTMFMMEUKMU  
EEEWNGIANRZIMTER  
MEMMEGFRAMNENEMI  
TTRNANUEEEGDTTME  
RTNRMIELWFETUTEY  
NIULMNNNFNNUMRDR

Hint: There are no duplicate letters in the answer.

**F** **I** **A** **S** **C** **O**  
**S** **H** **I** **V** **E** **R**  
**I** **N** **S** **E** **R** **T**

B D G J K L M P Q U W X Y Z

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

ESRNHNITVIRUNSIIEIN  
SEINNNVNNENEEIHZIE  
SRIREIECSIJSECSISSE  
LNNIRSECEEITUISMVHI  
SCVNSFVFHERAFRNHOEA  
ELIERENIADUTRSESRSR



Name: \_\_\_\_\_

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

NATIONS	LESSON	EARTHQUAKES
PROPERTIES	ELIMINATE	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Draw one line to find two words in each puzzle. The bold letters start each word.  
You can move left, right, up, or down. Write the two words that you find.

U	E	M	M	T	M	J	W
U	U	I	H	E	P	E	I
O	L	P	B	H	A	A	K
A	A	E	D	<b>H</b>	Y	R	
M	B	X	P	G	E	R	E
U	A	U	A	L	U	O	A
T	Q	A	E	I	F	<b>U</b>	X
A	K	G	I	M	E	S	D

U	M	U	H	C	R	<b>D</b>	O
G	N	I	Y	A	E	G	G
N	E	X	F	U	D	<b>A</b>	O
W	O	J	M	Y	E	W	C
O	U	O	E	O	A	N	I
E	J	P	K	G	N	I	X
W	U	V	I	N	R	Y	I
K	C	C	S	A	Y	A	X

L	N	V	I	Z	O	M	A
U	V	G	D	E	B	Y	Q
U	E	I	I	F	X	H	A
O	Q	O	V	N	U	Q	G
W	W	I	N	E	E	L	A
Z	W	Z	O	V	I	N	E
C	H	G	E	J	R	<b>D</b>	W
V	I	H	I	E	<b>C</b>	L	A

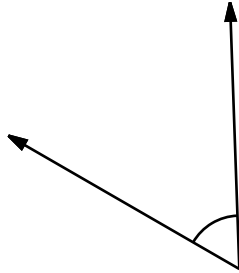
_____	_____	_____
_____	_____	_____

**Name:** \_\_\_\_\_

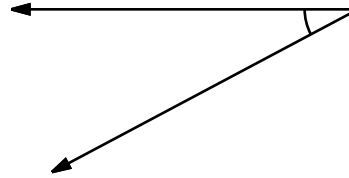
How large is the angle? First, make a guess and write your estimate in degrees.

Then, actually measure it to see how close your guess was.

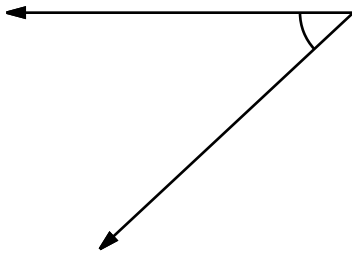
Hint: Try guessing between  
48 and 63 degrees.



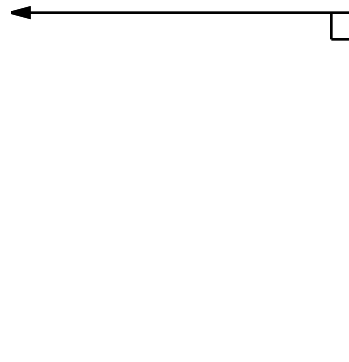
Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_



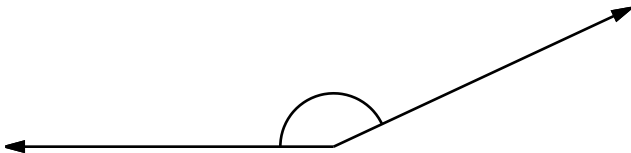
Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_



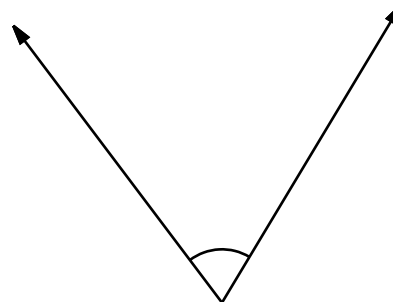
Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_



Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_



Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_

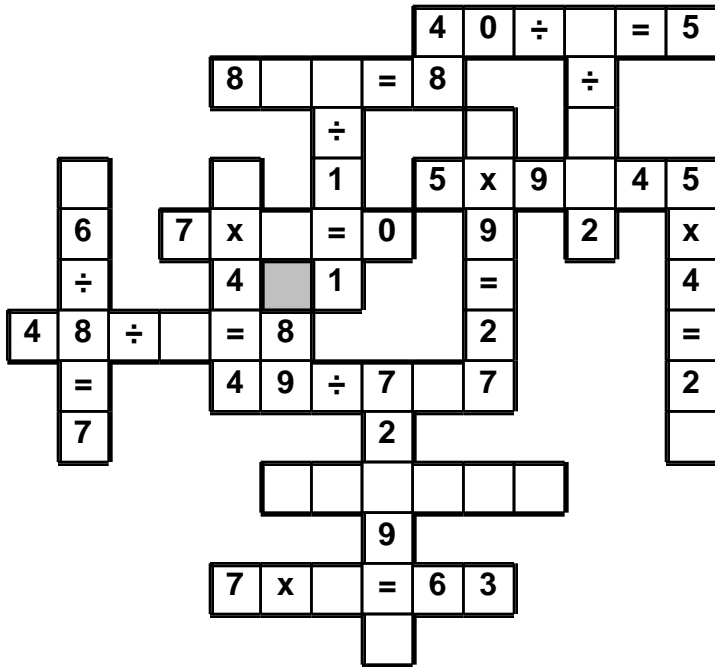


Guess first: \_\_\_\_\_ Measure: \_\_\_\_\_

**Name:**

$$\frac{8 \cdot x \cdot 1 \cdot 3 \cdot 4 \cdot 5 \cdot 1}{8 \cdot 9 \cdot 8} = \frac{0 \cdot 6}{0 \cdot 5 \cdot 6 \div 7} =$$

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



$$60 \div 5 =$$

C, \_\_\_\_\_, K, O, S, W

Name the shape with seven sides and seven angles.

How many total legs are on 4 elephants and 5 ants?

170, 187, \_\_\_\_\_, 221,  
238, 255

In the parking lot there are 15 vehicles. There are 4 SUVs. What fraction of the vehicles are not SUVs?

Name: \_\_\_\_\_

2	3	8
-		↓
-		

Skill: Multiplying and Dividing by 1-Digit

Circle the like fractions.

There may be multiple answers.

$$\frac{12}{15}$$

$$\frac{9}{15}$$

$$\frac{10}{12}$$

Skill: Basics of Fractions and Mixed Numbers

Max put 2 cups of flour and  $\frac{3}{4}$  of a cup of sugar in a bowl. Then he mixed it. How many cups of mix does he have?

$$2\frac{3}{4} \text{ cups}$$

$$\frac{3}{4} \text{ cups}$$

$$3\frac{2}{4} \text{ cups}$$

$$1\frac{3}{4} \text{ cups}$$

Skill: Fractions and Mixed Numbers (addition/subtraction)

Compare the numbers. Write >, <, or =.

$$\frac{9}{8} \quad \underline{\hspace{1cm}} \quad \frac{8}{9}$$

$$\frac{1}{18} \quad \underline{\hspace{1cm}} \quad \frac{3}{6}$$

$$\frac{2}{4} \quad \underline{\hspace{1cm}} \quad \frac{11}{12}$$

Skill: Fractions

What is the value of the 3 in 97,813,065?

Skill: Whole Numbers

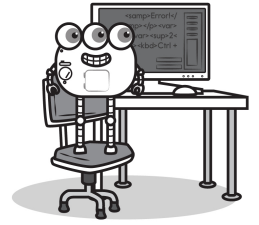
In 2,375, what does the digit 3 stand for?  
It stands for 3 \_\_\_\_\_.

Skill: Whole Numbers and Place Value

Name: \_\_\_\_\_

Robot was given a math problem to solve.

Jacob has \$10.30. He spent \$4.75 for a ticket to the zoo. He wanted to see the elephants. He spent \$1.23 for peanuts. How much money did he have left?



Robot wrote this program in Python to solve it.

```
total_money = 10.30
```

```
zoo_ticket = 4.75
```

```
peanuts = 1.23
```

```
money_left = total_money - zoo_ticket - peanuts
```

```
print(money_left)
```

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

What will the program print out?



### Hints and Questions

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

In the program, "`total_money`" is called a variable.

It is used to store a value. Name two other variables used in the program.

Name: \_\_\_\_\_

Mrs. Ragnar's class is having a Valentine's Day Party. Each child must bring a valentine for every other child in the class. There are 28 children in the class.

Mason wanted to make sure that he would have enough valentines for everyone in the class even if he accidentally dropped two in someone's box by mistake, so he brought 32 cards to class. His valentines cost \$0.68 each. How much more did Mason spend on valentines than Mia, who brought the same cards as Mason, but only brought enough valentines for everyone else in the class?

A version of Black History Month was first celebrated in the United States in 1926. Canada first began to recognize February as Black History Month in 1979. The United Kingdom first celebrated Black History Month in 1987.

How many years ago was Black History Month first celebrated in the United States?

Ava and Liam are both enjoying Mardi Gras celebrations with their families in New Orleans. Ava is going to a total of three parades whose routes are, respectively, 3.2 miles, 4.8 miles, and 2.6 miles. Liam is going to four parades whose routes are, respectively, 3.2 miles, 2.1 miles, 1.4 miles, and 3.1 miles.

How many more miles of parade is Ava going to see than Liam?

Name: \_\_\_\_\_

# CHALLENGE YOUR CLASSMATES!

(OR SIBLING OR PARENT)

**Play against  
someone!**

Go to:

[edhelper.com/math-games.htm](http://edhelper.com/math-games.htm)**Pick your  
grade. Then play  
to challenge  
someone else.**

Date played:

Whom I challenged:

Who won?

Explain what you learned from one math problem you got wrong.

**YOU  
WIN!**Know how many inches in  
a foot? Okay, smarty pants,  
how many inches in 4 feet?How many minutes is it  
from 7:00 a.m. to 10:40 a.m.?What 6 coins add up to 105  
cents?

Name: \_\_\_\_\_

Each box needs a number from 1 to 9. You may re-use numbers.

sum of 8→			sum of 10↓	sum of 10→		3	4
sum of 9→			3				sum of 5↓
sum of 6→			1				
	sum of 6↓	sum of 7↓	6	sum of 8↓	sum of 10↓		
sum of 8→						sum of 10↓	
sum of 10↓			sum of 7→				
	1						

	sum of 5→			2			
	sum of 10↓	sum of 4↓	sum of 8→				sum of 4↓
sum of 7→			3				sum of 10↓
sum of 5→	2			sum of 6↓	sum of 7↓		
				2		6	
			sum of 8→	3	3	2	
	sum of 10→						
sum of 7→							

For 723,642,479,355, write the digit that is in the hundred thousands place.  
  
 \_\_\_\_\_

Hannah has two favorite numbers. If you add her favorite numbers, you get 19. If you multiply her favorite numbers, you get 34. What are her mystery numbers?  
  
 \_\_\_\_\_

$$\begin{array}{r} 44 \\ - 10 \\ \hline \end{array}$$

17 lb = \_\_\_\_\_ oz

Amy wants to call Holly. Holly is on vacation in Asia. It is a time difference of twelve hours. Holly's time is always later than Amy's time. If it is 8:36 A.M. where Amy lives, then what time is it where Holly is?  
  
 \_\_\_\_\_

$$\begin{array}{r} 45 \\ + 42 \\ \hline \end{array}$$

How many yards are in 6 feet?  
  
 \_\_\_\_\_ yards

What time is 16 hours after 5:00 p.m.  
  
 \_\_\_\_\_



**Name:** \_\_\_\_\_

Kealani was excited to spend the whole day baking with her grandma. Her grandma had promised to show Kealani some of the family's Hawaiian recipes. They gathered all the ingredients for pineapple cookies, macadamia nut cookies, and haupia. She loved listening to her grandma tell stories about her childhood in Hawaii as they listened to music and made messes in the kitchen. Before long, the kitchen smelled like paradise. They baked 4 trays of each sweet treat. For the cookies, they could make a dozen cookies on each tray. They were able to cut the haupia into 16 pieces and place 16 pieces on a tray. Once all the cookies had cooled and the haupia had hardened, Kealani and her grandma divided the goodies up evenly onto plates that they could give to five of their neighbors. How many treats did each neighbor receive?

Show your work.

Name: \_\_\_\_\_

Sara and Rosa each have a soccer game at 8 a.m. on different fields. Sara's soccer field is 112 yards long. Rosa's soccer field is 323 feet long. Which field is longer and by how much?

$1\frac{1}{2}$

$1\frac{3}{7}$

$2\frac{1}{4}$

$2\frac{2}{7}$

$2\frac{5}{6}$

$1\frac{1}{5}$

$1\frac{1}{3}$

$2\frac{3}{4}$

$2\frac{1}{6}$

Name two of the above numbers that have a difference of  $\frac{3}{10}$ .



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:  $7\frac{1}{3}$ ,  $4\frac{2}{3}$ , or  $5\frac{5}{7}$ .

The other three numbers have to all be DIFFERENT and must be from these: 12,  $9\frac{1}{3}$ ,  $4\frac{1}{3}$ , or 7.

	$5\frac{5}{7}$		$4\frac{2}{3}$		$9\frac{1}{3}$		$4\frac{1}{3}$	
7	$34\frac{1}{21}$	$9\frac{1}{3}$	$30\frac{1}{3}$	$4\frac{1}{3}$		$7\frac{1}{3}$	$30\frac{2}{3}$	7
	12		12					
	$35\frac{2}{3}$	$9\frac{1}{3}$	33	$4\frac{1}{3}$	$25\frac{1}{3}$	$9\frac{1}{3}$	$31\frac{8}{21}$	$4\frac{1}{3}$
	$7\frac{1}{3}$		$7\frac{1}{3}$		$4\frac{2}{3}$		$5\frac{5}{7}$	
	$30\frac{2}{3}$		$35\frac{2}{3}$		33		$29\frac{1}{21}$	$4\frac{1}{3}$
	$4\frac{1}{3}$		$9\frac{1}{3}$		$9\frac{1}{3}$			
$5\frac{5}{7}$	$29\frac{1}{21}$		$35\frac{2}{3}$		$35\frac{2}{3}$		$34\frac{1}{21}$	$9\frac{1}{3}$
			$7\frac{1}{3}$		$7\frac{1}{3}$		$5\frac{5}{7}$	
$4\frac{2}{3}$	28		28	$4\frac{1}{3}$				
	$4\frac{1}{3}$		$9\frac{1}{3}$		$9\frac{1}{3}$		$4\frac{1}{3}$	

Name: \_\_\_\_\_

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

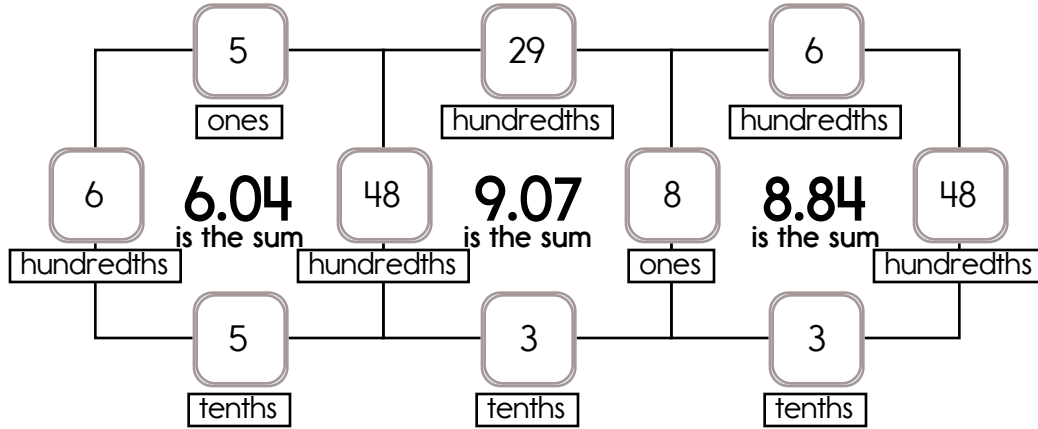
Example:

$$0.06 + 0.48 + 5 + 0.5 = 6.04$$

Example:

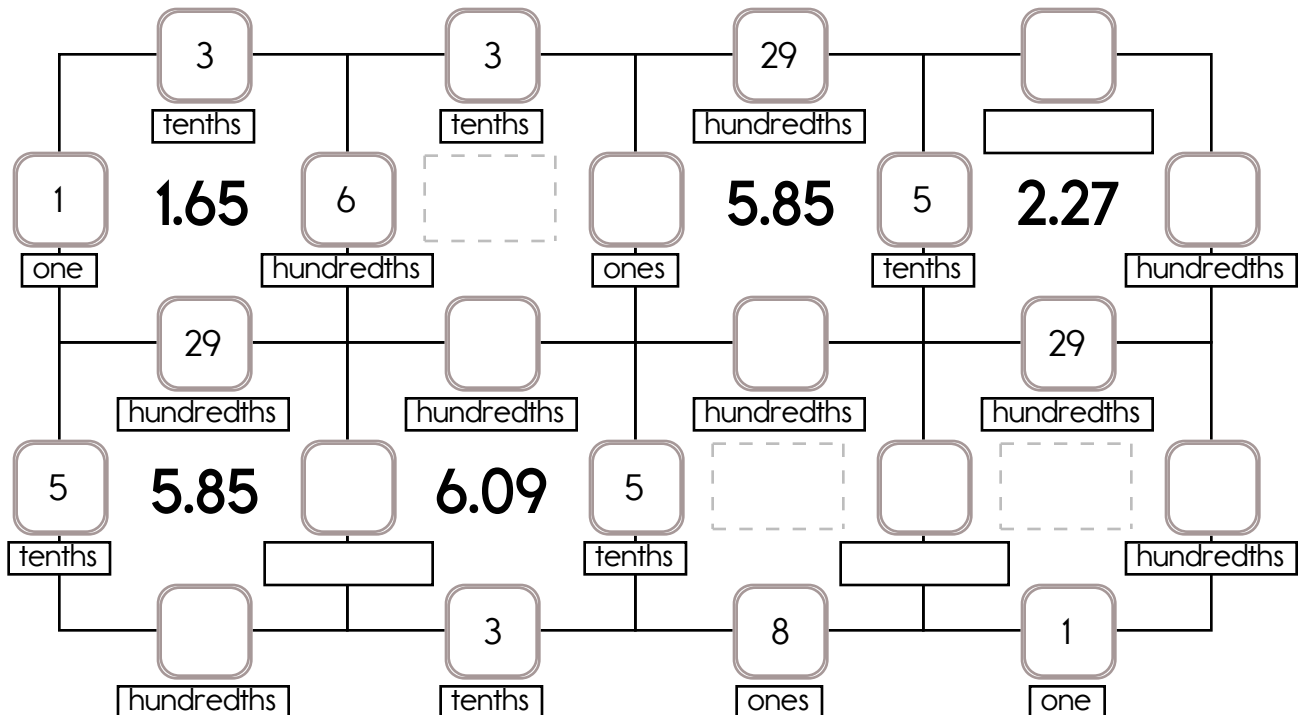
$$8 + 0.48 + 0.06 + 0.3 = 8.84$$

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: 5 ones, 3 ones, 1 one, 8 ones, or 4 ones.

The other three numbers have to all be DIFFERENT and must be from these: 6 hundredths, 3 tenths, 5 tenths, 48 hundredths, or 29 hundredths.



Name: \_\_\_\_\_

Holly was bored. She asked her mother if she could make cookies. Her mother agreed, so Holly got busy. She made 3 dozen oatmeal cookies and 13 chocolate chip cookies. How many cookies did she make in all?

Bennie's Bakery made 230 chocolate donuts, 155 glazed donuts, 215 plain donuts, and 183 filled donuts. Which kind of donuts was closest in number made to the filled donuts?

Mr. Garcia picked all his tomatoes and packed them in cartons. Each carton contained 2 dozen tomatoes. He filled 30 cartons and had 21 tomatoes left over. How many tomatoes did Mr. Garcia pick?

Megan makes teddy bears to give to the Children's Hospital in her town. She uses different-colored buttons on their shirts. Her grandmother gave her 717 buttons for her project. If she puts 4 buttons on each shirt, how many bears can she make?

Jason picked  $\frac{4}{6}$  of a bushel of apples. He gave his aunt  $\frac{1}{2}$  of a bushel. How much of the bushel of apples does he have left?

The Crazy Color Candy Company plans to make 21,645 pieces of licorice for Licorice Day. If they make an equal number of each of 5 flavors, how many will they make of each flavor?

☐

I did page 22

☐I decided to skip this page  
edHelper

Name: \_\_\_\_\_

Anna bought  $4\frac{1}{4}$  pounds of candy to decorate the gingerbread houses. If  $\frac{1}{5}$  of a pound of the candy was peppermint, how many pounds were not peppermint?

Peter worked very hard to organize his card collection. When he finally got too tired to work on it, he had organized  $\frac{36}{50}$  of the collection. Write the fraction in simplest form.

Jessica told her father that she needed 94 inches of rope to make a double jump rope. He said that he needed to know how many feet of rope she wanted. Change 94 inches to feet.

Gavin is making Bloodshot Eyes Punch for his party. He will use 12 cups of pineapple juice, 3 cups of cranberry juice, and 6 cups of ginger ale to make the punch. How many quarts of punch will he make?

Yesterday it rained for  $3\frac{1}{3}$  hours at Jenna's house. She got to use her new pink umbrella. At Maria's house it only rained for 2.5 hours. How much longer did it rain at Jenna's house?

It took the Frost-Free Company 82 days to make enough TV dinners to supply the Marks Grocery Stores. How many weeks did it take the company to make the TV dinners?

Name: \_\_\_\_\_

+					91
	___ + ___	___ + ___	146 ___ + ___	___ + ___	139 ___ + 91
	___ + ___	___ + ___	156 ___ + ___	___ + ___	___ + 91
	56 ___ + ___	86 ___ + ___	___ + ___	___ + ___	114 ___ + 91
	___ + ___	___ + ___	___ + ___	163 ___ + ___	180 ___ + 91
67	67 + ___	67 + ___	67 + ___	141 67 + ___	158 67 + 91

$\begin{array}{r} 770 \\ - 666 \\ \hline \end{array}$	$5 \times 4 =$	<p>Draw a shape that has between four and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	$\begin{array}{r} 481 \\ + 390 \\ \hline \end{array}$
---	----------------	---	---

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



Name: \_\_\_\_\_

Estimate quickly the difference.

$$4,200 - 1,610$$

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

Write  $\frac{5}{10}$  in lowest terms.

It was 8 degrees above zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

Round the decimal 0.745 to the nearest hundredth.

A rectangle is 41 cm on one side and 5 cm on another side. What is the perimeter?

Pick the family fact that is missing.

$$6 \times 16 = 96$$

$$96 \div 6 = 16$$

$$96 \div 16 = 6$$

The radius of a circle is 710 cm. What is the diameter of this circle?

How many centimeters in 880.8 meters?

How many meters are there in 29 kilometers?

How many centimeters in 9.5 meters?

What is 50% of 1,436?

☐

I did page 25

☐I decided to skip this page  
edHelper

Name: \_\_\_\_\_

Round 6,708 to the nearest thousand.

8, 88, 93, \_\_\_\_\_, 1028,  
11308, 11313, \_\_, \_\_, \_\_

7, 9, 11, \_\_\_\_\_, 15, 17

67843, 78436, 84367,  
\_\_\_\_\_, 36784, 67843,  
78436, 84367, 43678,  
36784, 67843, 78436,  
84367, 43678

Draw a number line  
with 0,  $\frac{1}{2}$ , and 1. Show  
where  $\frac{9}{10}$  would go. Is  
 $\frac{9}{10}$  closer to 0,  $\frac{1}{2}$ , or 1?

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

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

$$45 + n = 58$$

What is the value of n?

$$8 \div \frac{1}{9}$$

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

150, 160, 170, 180, \_\_\_\_\_,  
200

The radius of a circle is 695 cm. What is the diameter of this circle?

Name: \_\_\_\_\_

**Percentage****Fraction**

45%

$$\frac{45}{100}$$

55%

$$\frac{30}{100}$$

65%

**Decimal****Percentage**

0.9

58%

0.04

0.72

8%

0.96

**Decimal****Fraction**

0.6

0.22

0.69

$$\frac{82}{100}$$

**Fraction****Decimal**

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

$$\frac{18}{100}$$

$$\frac{15}{100}$$

0.74

How many centimeters in  
920.5 meters?

Know how many inches in  
a foot? Okay, smarty pants,  
how many inches in 7 feet?

A rectangle is 26 cm on  
one side and 9 cm on  
another side. What is the  
perimeter?

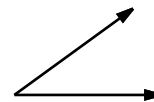
Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME**☐(Check the  
box after  
you play.)**MY SCORE**

\_\_\_\_\_

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

What kind of angle is this?

What 3 coins add up to 12 cents?

What is 50% of 1,592?

 $5 \times 8 + 10 - 12$ 

Circle the word that best completes the sentence.

Will I see you (there/their)?

Name: \_\_\_\_\_

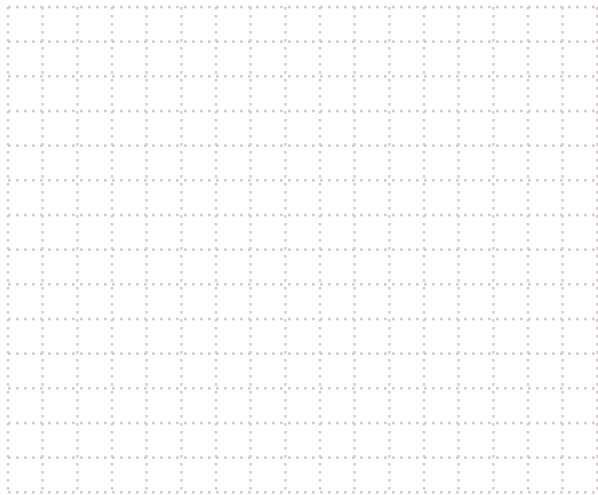
Mega Multiplay World is a fun game to play with other people. In each world a maximum of 27 players can play at once.

a. How many worlds are needed if 226 people want to play?

b. How many worlds are needed if 465 people want to play?

Mary created a chart of whole numbers starting from 0 to 350. She drew a rectangle around each number. What is the 18th odd number on her chart?

How many odd numbers are on her chart?



Draw an irregular shape with no straight lines. The shape should have an area that is about 9.1 square units. Color in the shape.

Ava is learning about programming using variables and loops. She loves programming, and her program printed out a pattern that started like this:

27 34 41 48 55

She describes this pattern by saying she assigned the number 27 to a variable. Then she increases the variable by 7 each time and prints it out. She lets the program run some more.

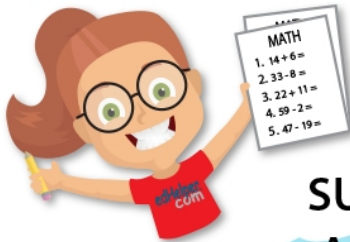
a. What would the 8th number be?

b. What would the 40th number be?

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