

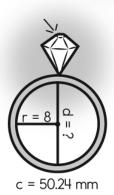
Name:	I did page 1	I decided to skip this page edHelper
How many times greater is		
72 than 6?		
77 than 7?		
890,000 than 8,900?		
15 than 5?		
870,000 than 870?		
Two prime numbers are each greater than 1 and less to numbers are added together, they have a sum of 13.	than 21. When the	se two prime
What are the two prime numbers?		

I did page 2 I decided to skip this page edHelper

RIGHT TRIANGLES -  $a^2 + b^2 = c^2$ 

CIRCLES - 
$$C = 2\pi r$$

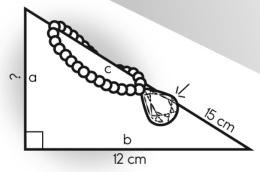
$$\pi = 3.14$$



Circumference = 50.24 mm

Radius = 8 mm

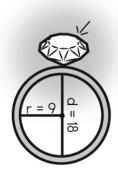
Diameter =



a =

b = 12 cm

c = 15 cm

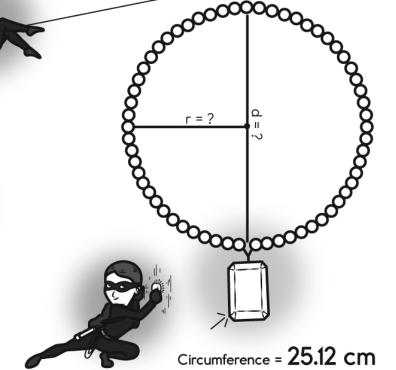




Circumference =

Radius = 9 mm

Diameter = 18 mm



Radius =

Diameter =

Name:	I decided to skip this page edHelper
Robert loves art. He doesn't like to draw or paint. He likes to tape stuff tog	ether, and he LOVES
to use scissors. "I am what's known as an artissor. It's a fine distinction that is much prefer Robert says to try to annoy Holly.	rred over mere artists,"
"That's not a thing! I'm telling," cries Holly.	
Miss Keknew couldn't help herself. "Yes, that's not really a real thing."	
"It is!" Robert said, as he cut and made 18 squares of paper. Each piece w cm on each side.	as so tiny. It had only 1
"I will now make a rectangle by arranging these pieces of paper togethe But not just any rectangle; this will be the biggest possible rectangle by pe using these 18 pieces of paper."	
If Robert does what he says, what is the perimeter of the rectangle he mo	akes?
By the way, if you showed a picture of it, that would be cool, too!	

Name:			
value.			

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	curresper



# Play a game online!

edHelper.com/math-games.htm

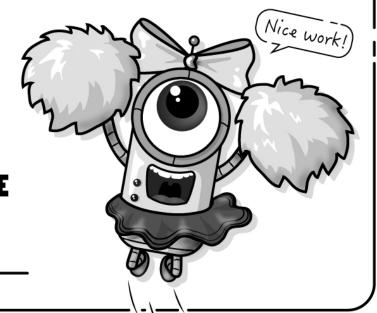


I PLAYED

(Check the

you play.)





Write as a percent.

Write the ratio as a fraction. 6 nickels to 5 dimes

Find 41% of 49.

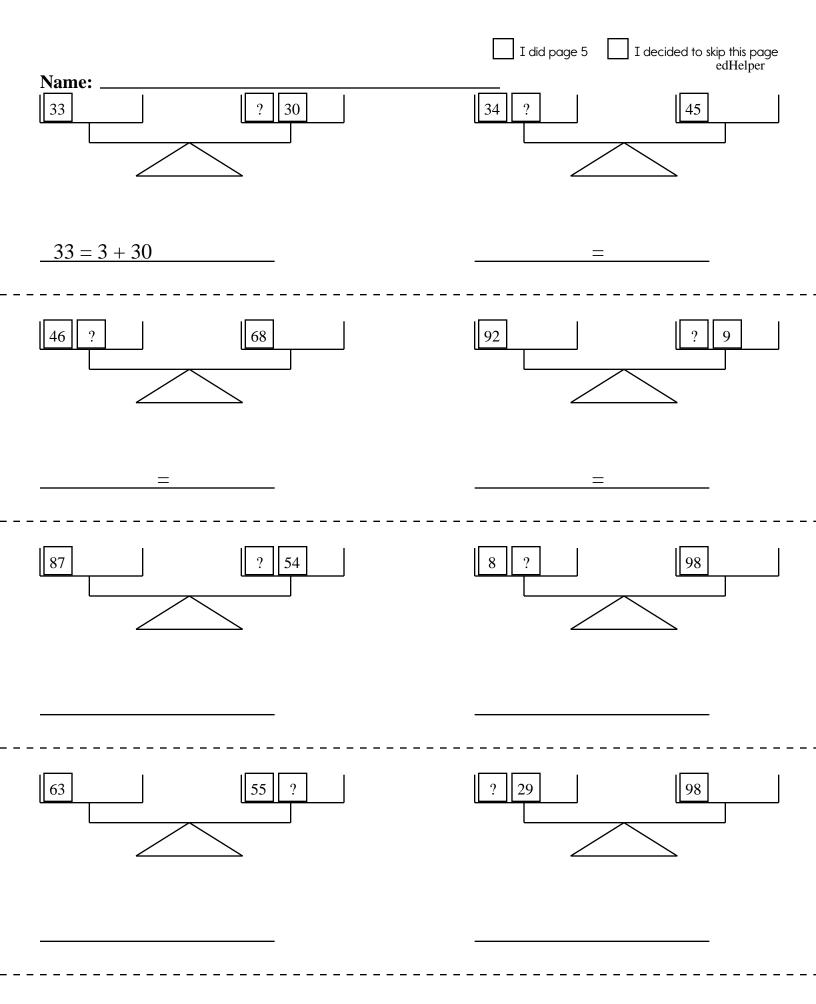
 $7 \div \frac{1}{3}$ 

20, 25, 30, 35, 40,

50. 55

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

Write 1.490 in words.



I decided to			
	ed	lHel	per

Nice work!)

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



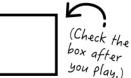
## Play a game online!

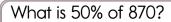
edHelper.com/math-games.htm



ONE GAME

**MY SCORE** 





		I did page 7	I decided to skip this page edHelper
Name:			edherper
Robot was given o	a math problem to solve.		
contest. Each How many cup	thirty people entered the sandcastl person was given 12 gallons of sand os of sand were given to the contes are 16 cups in one gallon.)	for building.	
Robot wrote this p	program in Python to solve it.		
number_of	f_people = 130		
_	_sand_per_person = 12		
cups_in_or	ne_gallon = 16		
total_cups	_of_sand = number_of_people * gallons_	_of_sand_per_p	person *
cups_in_or	ne_gallon		
print(total_	_cups_of_sand)		
	will print the answer to the math problem gram print out? Fill in the blanks.		
Н	int and a Question		
	multiply in Python * is used.		
	st_multiply = 7 * 14  # assign 98 to the vai rint(test_multiply)  # this would print test_r	<del>-</del>	1 /
999	(		
	rite a line of code to calculate the produ priable cookies_to_bake.	ict of 6 times 15	and store it in the

	I did page 8	I decided to skip this pagedHelper
Name:		© CO
Robot wrote this program to solve a math problem.		
# Define variables		
pink_thneed_cost = 15		
rosa_funds = 11.32		
# Calculate how much more money Rosa needs		
additional_funds_needed = pink_thneed_cost - re	osa_funds	
# Print the result		
print("Rosa needs an additional: \$" +		
str(round(additional_funds_needed, 2)))		
What will the program print out? Fill in the blanks.		
Rosa needs an additional: \$		
Wait! Robot forgot to write down the math problem.		
Can you write your own word problem to explain Robot	's computer code	?

Name:	I did page 9 I I decided to skip this pedHelp
Annabelle "Toothless" Dawson was a mean pirate who sp coins. She certainly didn't spend it! Today was a boring day at sea, and no other ships were minutes to count all of her gold coins. That included 15 minutes when she was not counting her drop gold across the ship. She was wrong, but you would When she is counting, she counts exactly 80 coins in 10 m How many gold coins does she have?	e in sight. It took her 4 hours and 10 gold. She thought she heard someone dn't want to tell her that!
Show your work.	

Name:	I did page 10 I decided to skip this paged Helper
Write your own math problem here.	
Ask the person who helped you to try to solve	your problem.

N	an	ne	•

I decided to skip this pared edHelper	
--	--

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

21 ÷ \_\_\_ = 7

How many tens are in the number 42,000?

How many total legs are on 15 zebras?

Sara has 36 books. She organized them equally into 4 boxes. How many books in each box?

You need to add what to 56 to get 64?

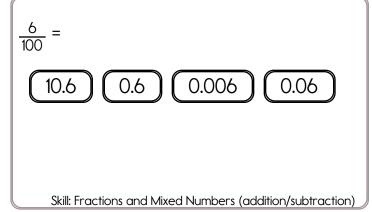
7942, 2794, 4279, \_\_\_\_\_, 7942, 2794, 4279, 9427, 7942, 2794, 4279, 9427, 7942, 2794 Circle the three numbers whose sum equals 38.

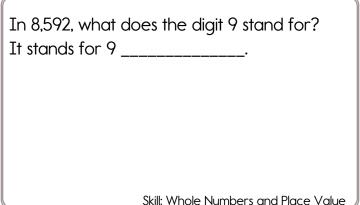
Is 19 a composite or a prime number?

How many total legs are on 10 chickens?

16 you=excharge\_120 dimes for dollars, then how many dollars would you get?

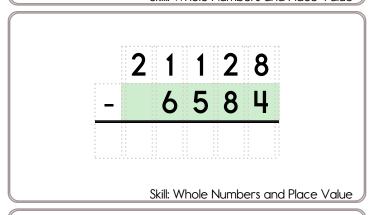
	I did page 12	I decided to skip this page edHelper
	_	

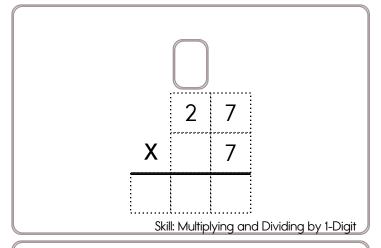


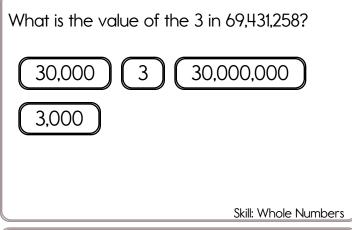


What is the value of the 2 in 2,983,745?

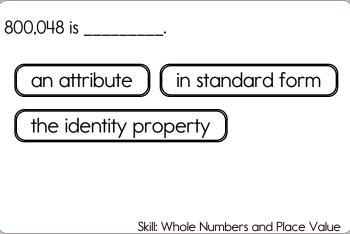
Skill: Whole Numbers







Express  $\frac{26}{7}$  as a mixed number.  $3\frac{2}{7}$   $2\frac{5}{7}$   $3\frac{5}{7}$ 



Skill: Fractions

Help Improve the Robots  I did page 13  I decided to skip this page	<b>.</b>
Name:	
Secret Mission: You have been hired to develop and evaluate robots' math skills. Sometimes, they give thorough, correct explanations. However, they occasionally go haywire.	
Robot Rita was given a math problem to solve.	
Jacob was having so much fun making cupcakes for his class.	
He made $2\frac{1}{2}$ dozen of them! But there are only 20 kids in his	
class. Everyone ate one cupcake except for Emily, who does	
not like cupcakes. How many cupcakes are left over?	
Robot Rita thinks this might be the answer:	
He made 2.5 x 12 = $(2.5 \text{ times } 12=30)$ 30 cupcakes. Emily didn't eat a cupcake so 20 - 1 = $(20-1=19)$ 19 cupcakes were eaten. Thus, Jacob has 30 - 19 = $(30-19=11)$ 11 cupcakes left over. Answer: 11.	
Robot Rita did not explain too much. How do you think Robot Rita could have shown her work better?	

	I did page 14 I	decided to skip this page edHelper
Name:		St. /
She is not sure that is correct, s Robot Rob for help. This is how solve the problem.		
A dozen equals to 12, so 2 1/2 dozens would be 2 times 1 student except Emily ate a cupcake, that means 20 - 1 = we subtract the number of cupcakes eaten from the to - 19 = 11 cupcakes are left over.	= 19 cupcakes were e	eaten. So, if
If you were the teacher, how would you g Explain and also make comments in Robot I		work?
Hint: EdHelper's answer pages gave this answer.		
11 cupcakes		

		I did page 15	I decided to skip this pag
Name:		_	1
Remember how the robots gave so turn! Can you solve this cool math postep, and see if you can come up work did! Is your answer the same	problem? Try with an answ	y to walk us th er even bette	rough each
Jacob was having so much fun making cup	pcakes for his	class. He made	$2\frac{1}{2}$ dozen of
them! But there are only 20 kids in his class	s. Everyone a	te one cupcake	except for Emily,
who does not like cupcakes. How many cu	upcakes are le	ft over?	

Name:	I did page 16 I decided to skip this page dHelper
Now, it's your moment to shine! After observing fine-tuning their efforts, it's your turn to step up of	•
Hunter was having so much fun making cupcakes for his	s class. He made $3\frac{2}{3}$ dozen of
them! But there are only 19 kids in his class. Everyone at	te one cupcake except for Hannah,
who does not like cupcakes. How many cupcakes are le	eft over?

Levi Strauss traveled from his home in Bavaria, a distance of approximately 4,014 miles, to join his brothers in New York City. Just a few years later, he traveled from New York City to San Francisco, California, approximately 2,501 miles. How much further was his trip from Bavaria to New York City than his trip from New York City to San Francisco?

Kayti sat down to read one of her books. She loved to read. Since Kayti was a mouse, her books were very small, only half inch high and one-seventh inch wide! Oh, but there were wonderful stories in them, no matter how small they were! Kayti read for 42 minutes, then she stopped to make tea. She read for another 48 minutes, and then stopped to have lunch. After lunch she read for 67 minutes and finished her book. How long did Kayti read in all? Express your answer in hours and minutes.

Mrs. Thompson has 50 books for her class. There are 13 students in the class. If she gives each student the same number of books, how many books will be left over?

Jacob is between a rock and a hard place. His car gets 23 miles to the gallon. He has about 4 gallons left in the tank. How much more gas does he need to drive the remaining 182 miles home?

Mr. Young said that only 4 out of 22 dogs are chosen to pull sleds in the Iditarod. If that were true, how many dogs out of 89 would be chosen?

#### Name: \_

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

- A block with 1 space has to be the number 1.
- A block with 2 spaces must have the numbers 1 and 2.
- A block with 3 spaces must have the numbers 1, 2, and 3.
- A block with 4 spaces must have the numbers 1, 2, 3, and 4.

4	1	4	1
2	3	2	3
1	4		
3	2		

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 1 2 4

4	2	4	
3	1	3	
2	4	2	
1	3	1	

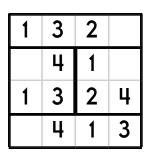
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 2 3 1

4	1	4	1
	2		2
4	1	4	
4	ı	4	

Hint - These numbers are missing:

2 1 3 3

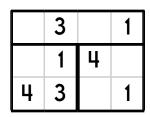


Hint - These numbers are missing:

2 3 4 2

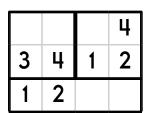
Name: \_\_\_

Fill in the missing numbers.



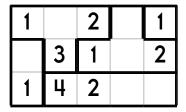
Hint - These numbers are missing:

2 2 2 4 3



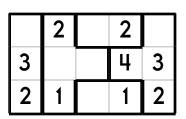
Hint - These numbers are missing:

3 2 3 1 4



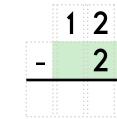
Hint - These numbers are missing:

1 3 4 3 2 4



Hint - These numbers are missing:

2 1 1 3 4 1



Circle the third number.

R, 4, B, Z, 7, 4, 5, 8, 9, X, F, D, 8, 4, A, Z, A, 6, 2

_	 _
I did page 20	I decided to skip this page edHelper

 $2\frac{65}{100}$ 

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

seven tenths

- <u>/</u> 10

nine and eighty-one hundredths

● 8 <u>30</u> 100

7 7

● 9 <u>81</u>

eight and thirty hundredths

• (two and sixty-five hundredths

six and eighty-one hundredths

 $6\frac{81}{100}$ 

• <u>36</u>

thirty-six hundredths

seven and seven tenths

Which number has exactly 8 ten thousands?

Round 1735 to the nearest hundred.

What is the sum of 10 and 239?

Jacob bought 5 dozen cupcakes for a party. How many cupcakes did he buy?

33 is a multiple

of 11 and 3.

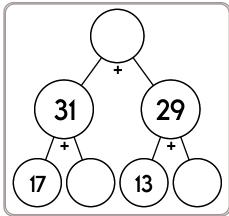
20 is a multiple

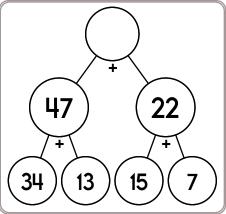
of \_\_\_ and \_\_\_.

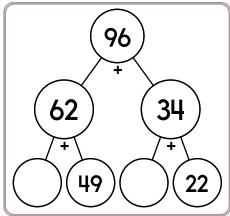
21 is a multiple

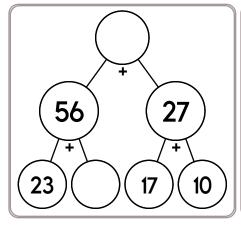
of \_\_\_ and \_\_\_.

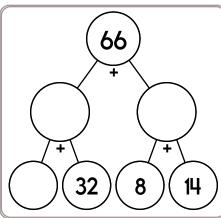
triple 70 =

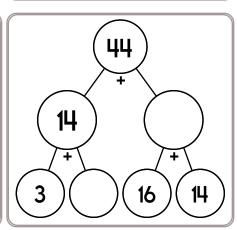


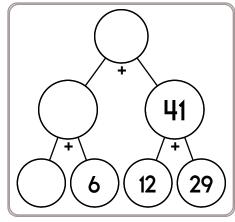


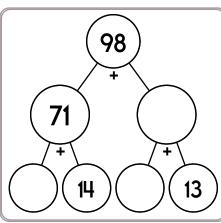


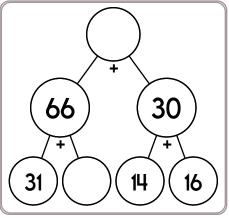


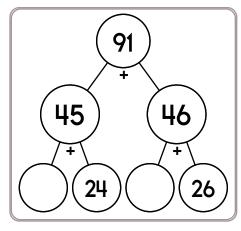


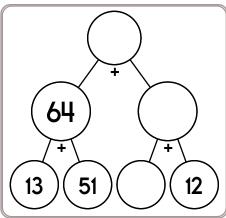








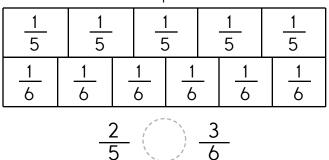




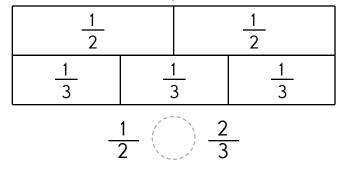
74	J)
47	
+ 16 (	17 10

I did page 22	I decided to skip this page edHelper

Color each fraction. Compare.



Color each fraction. Compare.



Color each fraction. Compare.

<u>1</u> 5	<u>1</u> 5		<u>1</u> 5		<u>1</u> 5	<u>1</u> 5
1 6	1 6	16	_ 1	_	1 6	1 6
$\frac{2}{5} \left( \right) \frac{4}{6}$						

Color each fraction. Compare.

	1 4	1 4	1 4		1 4		1 4
	<u>1</u> 5	<u>1</u> 5	1 5		1 <u>1</u> 5		<u>1</u> 5
-		1 4		-			

Now draw the fraction boxes and then color each fraction to compare.

4 ( ) 5	
	<u>4</u> ( ) <u>5</u>

Now draw the fraction boxes and then color each fraction to compare.

1 4	
<u>1</u> 5	
	3 ( ) 3 5

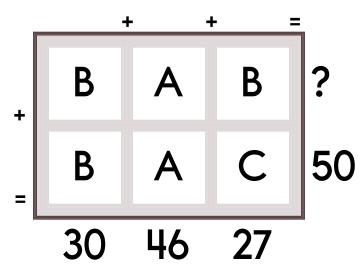
Now draw the fraction boxes and then color each fraction to compare.

fraction to cor	npare.	
	1 ( ) 4 6	

Now draw the fraction boxes and then color each fraction to compare.

лпрагс.	
2 / \ 4	
5 / 6	
5	

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



## **Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

Additional hints:

$$C < 15$$
  $B = C + 3$ 

Show Work:

Solve:

1 2

a. Show where 5 should go.

- b. Show where  $3\frac{1}{2}$  should go.
- c. Show where  $2\frac{2}{3}$  should go.

Ava and Erin are playing a new giveaway game. The game is in the shape of a circle. A light goes around the circle. When a player presses the button, the light stops. Players can win 1 ticket, 2 tickets, 3 tickets, 4 tickets, or 5 tickets, depending on where the light stops. Ava played one round, and then Erin played a round. What is the probability that they both won more than 2 tickets?

The students chosen for the class play were posted. All of the students in the play are in Mrs. Jackson's class and were born in months with exactly 30 days. For each student, write whether they are in the play, might be in the play, or are not in the play.

Sara is in Mrs. Jackson's class and was born on July 18.

Connor is in Mr. Williams' class and was born on November 19.

Eric is in Mrs. Allen's class and was born on June 16.

Anna is in Mrs. Jackson's class and was born on March 8.

David is in Mrs. Jackson's class and was born on January 28.

Hannah wrote the number 1 on a card and put it in a hat. Then, she wrote the number 9 on a card and put it in the same hat. Hannah then randomly took out the cards from the hat to make a number. What is the probability that her two-digit number is less than 92?

I did page 26 I decided to skip this poet in the set of
Cross off the letter that does NOT belong.
C, A, E, I, M, Q, U, Y
Why does not belong in the pattern?
Cross off the number that does NOT belong.
(9,765,625), (1,953,125), (390,625), (78,125),
(15,625), (3,125), (1,061), (625),
(125), (25), (5)
Why does not belong in the pattern?

<b>N</b> T	I did page 27	I decided to skip this pagedHelper
<b>Name:</b> Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, c	 or 1¢.	
Make \$57.32 any way you want!		
Make \$26.44 any way you want!		
Make \$53.48 any way you want!		
Make \$52.34 any way you want!		

word root **viv** can mean **life** 

vivacious, vivid

My mother's recipe for fruitcake calls for  $\frac{1}{3}$  cup of chopped walnuts. She is making 6 fruitcakes. How many cups of walnuts will she need?

Rose wants to be a dancer. Her teacher says that she has potential. Rose practices  $16 - \frac{1}{2}$  hours every week. The first six days of this week, she practiced  $13 - \frac{5}{6}$  hours. How long did she practice on the seventh day?

Anne went for a walk with her father. They started walking at 5:35 a.m. They walked for 53 minutes. What time was their walk over?

There are 36 students in Alex's class. Most of them like cheesecake, but  $\frac{1}{3}$  of them don't like it at all! How many students don't like cheesecake?

Connor bought 10 sea monkeys for \$10.53. To the nearest dollar, how much did his purchase cost? There are 7,843 eggs to be packed into cartons. What number is in the hundreds place?





