

Name:	I did page 1 I decided to skip this page edHelper
On April 2, 1513, Ponce de Leon landed at St. Augustir On April 26, 1607, Jamestown, VA, was founded, make continental U.S. There are 654 miles between the two Drew was riding his bike from St. Augustine to James trip and had to drive the rest of the way. If he biked drive the remaining miles at an average speed of 65 tenth.	cing it the second oldest city in the cities. Stown, but he sprained his ankle during the 223 miles, how long would it take him to
Show your work.	

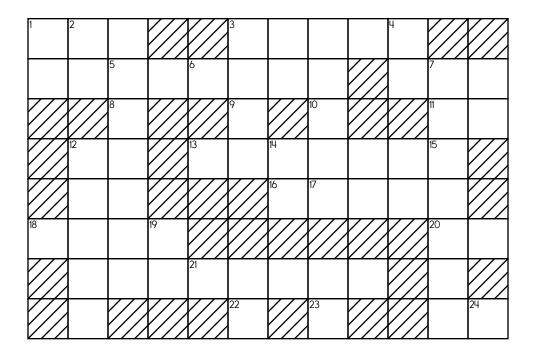
I did page 2	I decided to skip this page edHelper
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#### **ACROSS**

- 2. What is the lowest common multiple of 23-Across and 17-Down?
- 3. fifteen thousand thirty-three
- 5. 17-Down plus 5-Down
- 7. The factors of 45 are 1, 3, 5, 9, \_\_, 45.
- 8. What is the greatest common factor of 17-Down and 20-Across?
- 10. What is the greatest common factor of 9-Down and 18-Down?
- 11. First composite number after 1-Down
- 13. Its digits total 30
- 14. Three less than 15-Down
- 16. the thousands in 14-Across + the ones in 17-Down + the ten thousands in 15-Down
- 20. Sum of digits of 12-Down
- 21. One less than 16-Across
- 22. What is the greatest common factor of 62 and 74?
- 23. 7

#### **DOWN**

- 1. Four more than 19-Down
- 2. First prime number after 2-Across
- 4. Four times 6-Down
- 5. 15-Down plus 16-Across
- 6. What is the greatest common factor of 16 and 56?
- 9. 21
- 12. Nine more than 3-Across
- 13. What is the lowest common multiple of 10-Across and 18-Down?
- 15. seventy-four thousand one hundred fifty
- 17. How many factors does 10 have?
- 18. How many factors does 50 have?
- 19. Sum of digits of 16-Across
- 21. What is the greatest common factor of 23-Across and 2-Across?
- 24. How many factors does 15 have?



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

Circle the greatest amount: 40% 0.29

In what quadrant would you find the point (11, 9)?

 $6 \times 6 \times 6 \times 6 \times 6 = 6^{\times}$ What is the value of x?

$$0.1(0.9(0.1+8)) =$$

Circle the percentage that is closest to 26 out of 71: 62% 5% 87% 22%

Rewrite  $\frac{1}{5}$  as a decimal.

Simplify.

$$\frac{82}{123}$$
 =

t - 10 + t = 20 What is the value of t?

The unknown value x is a multiple of 3, is greater than 130, and it is divisible by 17. What can be the lowest possible value of x?

7, 9, 11, 13, \_\_\_\_, 17, 19,

21, 23

Erin told the class that they should drink about 1.96 liters of water per day. There are 17 kids in the class, including Erin. They will all try to do that. How much water will the class drink in a day?

What is the remainder of 81 divided by 18?

A circle graph has five sections. Only four sections are labeled. The labels are 24%, 13%, 7%, and 18%. What should the missing section be?

Crazy Justin had pizza 22 days in the month of October. Approximately what percent of the month did he have pizza?

If j = 6, s = -5, and v = 3then what is  $j \cdot s + v$ ?

If 
$$5x = 65$$
, then  $x =$ 

$$\frac{4}{6} \div \frac{2}{3} =$$

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	I did page 5 I decided to skip this page edHelper
Name:	eurierpei
Emily gives \$18 to Anna and Rose in the ratio 1:2. She gave Rose \$12. How much did Anna get?  \$36 \$6 \$18 \$12	If $4y + 8 = 20$ , then which of the following is true? $y = 3$ $y = 1$ $y = 4$
Skill: Ratios (easier)	y = 0 Skill: Algebra
Fifty people were asked, "Would you rather go to the pool or the beach?" Thirty-five said they would	Circle the three prime numbers.
go to the beach. What percent would go to the beach?  35%  70%	There may be multiple answers.
Skill: Percents	Skill: Whole Numbers, Factors, and Prime Numbers
Order the fractions from least to greatest.	Write the equation in vertical form. Then solve.
$\frac{1}{10}$ , $\frac{7}{100}$ , $\frac{60}{100}$	0.47 + 0.66
Rewrite the numbers in order from smallest to largest.	
Skill: Fractions and Mixed Numbers (addition/subtraction)	Skill: Adding and Subtracting Decimals
480 ÷ 100	Express 20 as a product of its prime factors.
	$\begin{array}{ c c c c c }\hline (13+7) & (20 \times 1) & (2 \times 2 \times 5) \\\hline (2 \times 2 \times 2 \times 3) & (2 \times 2 \times 5) \\\hline \end{array}$
Skill: Decimals	Skill: Whole Numbers, Factors, and Prime Numbers

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



The letter V has an unknown value. If you multiply V by four, the product is two. What value does V have?

Rewrite in scientific notation.

67,020,000

(0.9)(0.13)

8 ÷ 2 + 9

 $0.3(0.6(0.3 \times 7)) =$ 

What is the greatest common factor of the numbers 104 and 26?

100% of 112

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

80% of 135

100% of 108 • 70% of 180

63% of 200 • 54% of 150

81% of 100 • 64% of 175

33% of 100 ● 90% of 170

85% of 180 • 55% of 60

10% of 190 • 38% of 50

5 3 0,4 6 4 - 8,1 4 6 Find the sum of 11, 13, and 50.

95 + 51

0.5(0.2(0.5 + 8)) =

In what quadrant would you find the point (-7, -8)?

Simplify.

 $\frac{28}{49} =$ 

At the dive meet Kevin received scores of 4.6, 5.9, 4.6, 4.2, and 4.9. The largest and smallest scores were dropped and the rest were averaged for a final score and rounded to the nearest tenth. What is the final score Kevin received?

Rewrite as an algebraic expression or equation.

Add 16 to the product of 12 and c

Rewrite as an algebraic expression or equation.

Fourteen subtracted from a number is thirty-six.

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Math Workbook

edHelper

Name: \_



An angle measures 111°. What would you call this angle?

What kind of angle has a measure of between 90° and 180°?

SketDE.a right angle named \_

5, 40, 43, 344, 347, 2776, \_\_\_\_, \_\_,

	I did page 10	I decided to skip this pag
Name:		curresper
"That song again?" asked Anna. "Yeah. I can't get it out of my head," replied Jack. "Luck It repeats songs. You first setup how long you want it to doesn't first play the song, it waits that long. I have it set a quick song, it lasts only 2 minutes." "Cool!" replied Anna. Anna installed the app on her pho Her song is a little longer. When she starts the app it will her song, which lasts 3 minutes. The app will then wait ar again. It will keep doing that until you stop the app. "Hey, Anna. Let's start the app at the same time. My song begin in 15 minutes. I wonder when both of our songs we	repeat. When you to repeat this song one. She set up the first wait 15 minutes on the nother 15 minutes of will begin in 8 minutes of the set up the minutes of the set up the nother 15 minutes of the set up th	u start the app it g every 8 minutes. It's app for 15 minutes. s before it will play and then play the song nutes. Your song will
How long until both songs are playing at the same time.	ne?	

Add one set of parenthesis to each equation so that the equation is true.

$$(12 \times 2) + 7 = 31$$

$$11 + (10 \div 5) = 13$$

$$11 \times 9 + 10 = 109$$

$$11 \times 9 + 10 = 209$$

$$12 + 2 \div 2 = 13$$

$$12 + 2 \div 2 = 7$$

$$6 \times 2 + 4 = 36$$

$$11 - 6 \times 12 = 60$$

$$10 - 7 \div 7 + 8 = 17$$

$$2 \times 3 + 12 + 1 = 31$$

$$7 + 2 \times 4 - 11 = 25$$

$$1 + 1 \div 2 \times 11 = 11$$

$$12 + 5 \div 5 - 10 = 3$$

$$2 + 7 + 12 \times 2 = 40$$

$$11 + 5 + 3 - 5 = 14$$

$$4 + 9 + 12 - 5 = 20$$

$$10 + 11 \times 2 + 2 = 34$$

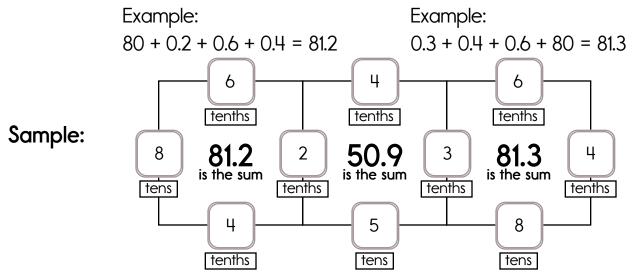
$$12 + 1 \times 6 \div 1 = 18$$

I did page 12 I decided to skip this page edHelper  Name:
Cross off the letter that does NOT belong.
E, Q, K, P, J, O, I, N, H, M, G
Why does not belong in the pattern?
Cross off the number that does NOT belong.
198, 179, 161, 144, 128, 113, 99, 98, 86, 74, 63, 53, 44, 36, 29
Why does not belong in the pattern?

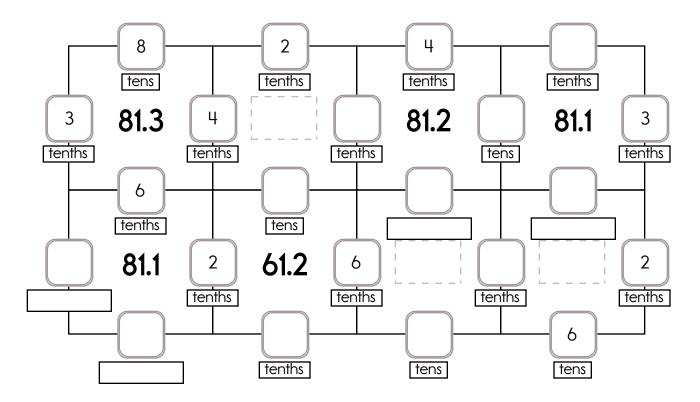
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Name: \_\_\_\_\_

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



Name: \_\_\_\_



$$27 \div 9 =$$

$$56 \div 7 =$$

$$50 \div 10 =$$

$$108 \div 9 =$$

$$25 \div 5 =$$

$$33 \div 11 =$$



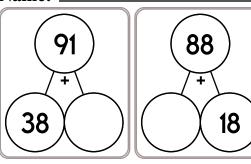
$$\underline{\phantom{a}} \div 6 = 4$$

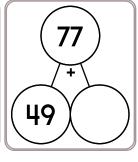
$$\underline{\phantom{a}} \div 2 = 8$$

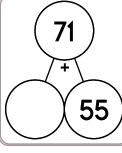
$$\underline{\phantom{a}} \div 6 = 2$$

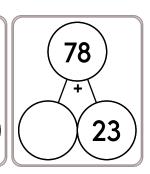
$$\underline{\phantom{a}} \div 7 = 4$$

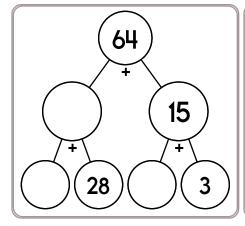
$$_{-} \div 3 = 7$$

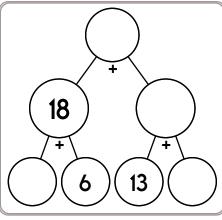


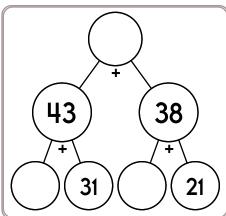


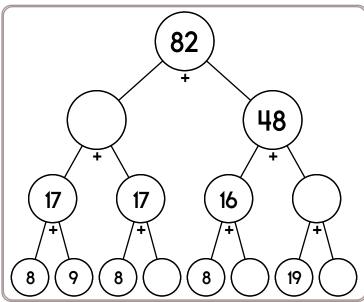


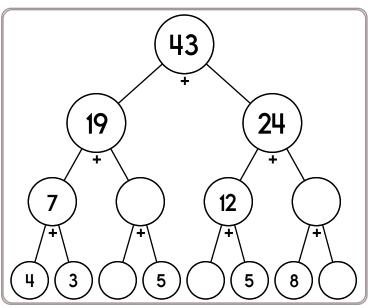












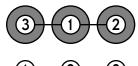
0.8 (0.4 (0.8 x 8)) =

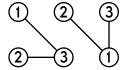
Rewrite  $\frac{1}{10}$  as a decimal.

word root **put** can mean **think** 

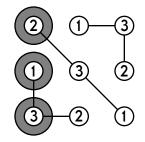
compute, computation

Each column must contain different numbers.

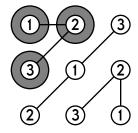


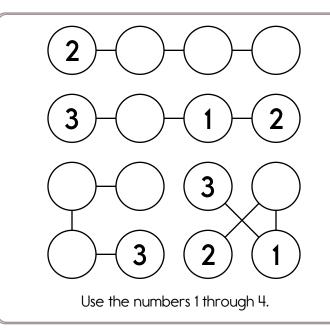


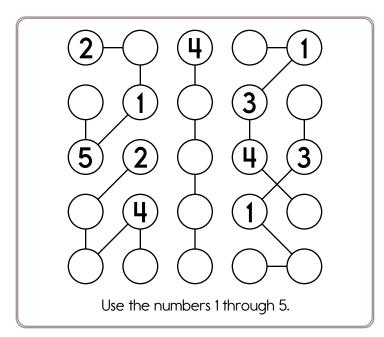
Each row must contain different numbers.

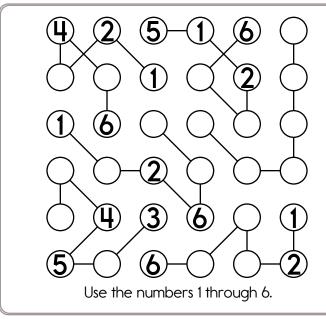


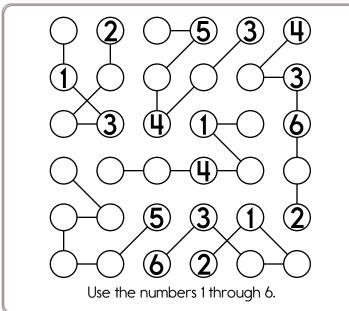
Each connected group must contain different numbers.











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### Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 9. Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

. 1	6 :
· I	
١	

5	1			9	6	7		3
		6			1		5	
7					5			1
		1			2	4	6	
3		4	9					
		8						
							3	
		7				1		5
					3	9	4	6

6 ц	4 Ջ	_	
 4	8	2	

Emma rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being seven?

81 ÷ 9 =	2 2
01 · /	+ 4 1

word root **diplo** can mean **double** 

diplomacy

Name:	I did page 18 I decided to skip this page edHelper
On Valentine's Day Connor received 13 valentines. Kevin received 20 valentines. How many more valentines did Connor receive than Kevin? (Be very careful with this one!)  Consistent Claire loves practicing her free the	Mary was very happy. She had a new Chihuahua puppy. It was her responsibility to feed him. Her father told her the puppy would eat 1 $\frac{3}{4}$ of a small can of food each day. How much would the puppy eat in two weeks?
·	the hoop. In the last game she played, Claire
made 15 of 18 attempted free throws. In tode her percentage for this game is the same as	
Holly rode her bike for 30 minutes. She went	5.9 miles. What is her speed in miles per
hour? Round your answer to the nearest tent	th of a mile per hour.

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Math Workbook

Name:	I did page 19 I decided to skip this page 19 edHelper
Holly and two of her friends do yard work on the weekends. This weekend, they made \$85 together. Holly has no coins, so she first splits the money evenly in dollars. After splitting it evenly, she still has some money left and gives her brother that remainder. How much did she give her brother?	Sara's car averages about forty-seven miles per gallon. How far would you estimate her car could travel on twelve gallons?
Rose's car averages 19 miles per gallon. Rosa's car is more efficient and travels about 38 miles on one gallon of gas. If the girls each drive their cars 722 miles, how much more gas will Rose's car need?	Anna and two of her friends do yard work on the weekends. This weekend, they made \$89.42 together. If they want to try to split the money evenly using only dollar bills and quarters, how much will each get? Is there any remainder?

N	I did page 20 I decided to skip this pa
Name:Pay the bill!	
Robert received a bill from Central Water for \$183.39. Write the check as Robert would write it.	ROBERT  DATE  PAY TO THE S  CROSS OF DOLLARS
	MEMO
Pay the bill!  Rent is due. Robert needs to pay his landlord \$1,900.  His landlord's name is Pam Garcia.	ROBERT 1808  DATE  EAT TO THE SOULLARS
	MEMO
The perimeter of a rectangle is 22 cm. The longer side is 9 cm. How long is the shorter side?	How many centimeters in 4.3 meters?  How many centimeters in 410.8 meters?

How much money is 1 quarter, 3 dimes, 1 nickel, and 1 penny?

What is the area of a rectangle with sides 5 cm and 9 cm?

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

# Pay the bill!

Adam received a bill for his cellphone from Mobile Unlimited for \$54.42. Write the check as Adam would write it.

ADAM		1329
PAY TO THE ORDER OF	DATE	
		DOLLAR8
мемо !:997568604!:		1329

## Pay the bill!

Adam needs money. He wants to get \$100 in cash, so he writes a check payable to cash in this amount. Write this check.

ADAM		1330
	DATE	
PAY TO THE		\$
		DOLLARS
™EMO  :997568604 :	5 2 6 5 5 11.	1330

On a number line, what is the number that is 6 to the left of 4?

On a number line, what is the number that is 10 spaces right of -5?

Round 68,634 to the nearest hundred.

It was 7 degrees below zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?

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



Draw 1 of these 3 pictures.

The picture is NOT in the correct spot.



Draw 1 of these 3 pictures.

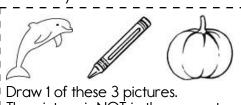
!The picture is NOT in the correct spot.

Draw the 3 pictures in the correct order:









The picture is NOT in the correct spot.



Draw 2 of these 3 pictures.

1 1 of those pictures is in the correct spot.

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













The picture is NOT in the correct spot.











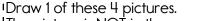
Draw 1 of these 4 pictures. !The picture IS in the correct spot.











The picture is NOT in the correct spot.

Draw the 4 pictures in the correct order:

















Draw 1 of these 4 pictures.

The picture IS in the correct spot.









Draw 2 of these 4 pictures.

None of those pictures are in the correct spbt.









Draw 3 of these 4 pictures.

<sup>1</sup> 2 of those pictures are in the correct spot.

Puzzie:					
55	$\triangle$	11	$\triangle$		11
38	Car	Con	Car		Cil
52		11	5	1	11
31		Cil.	C)	Es	East

his		Fay	Fay	Fay	38
11	11	5	11		52
Con	East	Cil	Cil	A STATE OF THE STA	31
11	11	Cil	<b>\rightarrow</b>		56
46	48	47	48	43	+

Work Area:					
11			11		55
					38
11	11		11		52
					31
11	11				56
46	48	47	48	43	+

The sum for each column and row is given.

Write the reciprocal.

Write the reciprocal.

1 15

Write the reciprocal.

What is 50% of 592?

A rectangle is 29 cm on one side and 5 cm on another side. What is the perimeter?

What 6 coins add up to 70 cents?

Holly's Donuts are the best. They cost \$0.60 per donut, or you can buy a dozen and get \$1.70 off.
Only 5 blocks away, they have
Amanda's Donuts, and they are just as good. The donuts cost \$0.75 each at Amanda's Donuts, or you can buy a dozen and get \$2.00 off.
You need to buy 15 donuts for a party. Which store would cost the least?

Emily is 142.24 centimeters tall. Justin is 4 feet, 10 inches tall. Who is taller?

Hint: 1 inch = 2.54 centimeters

Circle the one that is smaller.

a. 
$$25 \div 16$$
 or  $24 \div 15$ 

c. 
$$4 \div 8$$
 or  $3 \div 7$ 

g. 
$$16 \div 11$$
 or  $17 \div 12$ 

Which shape has the largest perimeter?

Each side of a triangle is 864.1 cm.

Each side of an octagon is 47.7 m.

Each side of a pentagon is 485.7 cm.

Each side of a rectangle is 91.2 m.

Each side of a decagon is 484.8 cm.

Each side of a heptagon is 10.3 m.

	I did page 25	I decided to skip this page edHelper
Name:		samp-Errots/
Robot was given a math problem to solve.		

There are 142 students going on a trip to Gettysburg, PA. They will ride buses that will hold 48 students each. How many buses they will need?



Robot wrote this program in Python to solve it.

import math

total\_students = 142 bus\_capacity = 48

num\_buses = math.ceil(total\_students / bus\_capacity)

print("Number of buses required is", num\_buses)

Robot's program will print the answer to the math problem. What will the program print out? Fill in the blanks.

Number of buses required is \_\_\_\_



### **Hints**

The round(number) function in Python is used to round a number to the nearest integer.

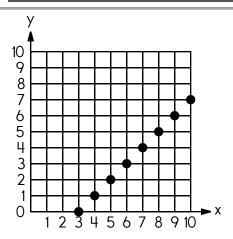
print(round(26.1)) would print 26

The math.ceil(number) will round the number UP to the nearest integer. 1.1, 1.5, 1.09, and 1.8 would all rounds UP to 2 with math.ceil(number). print(Math.ceil(26.1)) would print 27

To divide in Python / is used.

	I did page 26	I decided to skip this page edHelper
Name:Robot wrote this program to solve a math problem.	<u> </u>	
# Number of people in the park total_people = 335		
# Number of children in the park children = 194		
# Computing the number of adults in the park adults = total_people - children		
print("The number of adults in the park is:", adults)		
What will the program print out? Fill in the blanks.		
The number of adults in the park is:		
Wait! Robot forgot to write down the math problem. Can you write your own word problem to explain Robot's	computer code	?

•		I did page 27	I decided to skip this pagedHelper
Name:			
Fairy tale author Hans Christian Andersen v children. Andersen published The Princess o percent of his life had he lived when he pul	and the Pea in 1835	5, 40 years be	
Show your work.			



Connect the points on this chart and draw arrows at the end of the line to show the equation y = x - 3.

Then, plot points for the equation y = x + 2 and draw the line to indicate this equation.

It has been an intense softball season. Emma, Sarah, and Mary are friends, but they all are on different teams in the league. Emma's team has won 8 games and lost 10 games. Sarah's team has won 11 games and lost 7 games. Mary's team has won 7 games and lost 11 games.

Which team has the best record?

Jenna got \$220 on her birthday. She decided to invest her money. She bought her first shares of stock by buying 10 shares of The Zoomery Company (TZC). Each share cost \$8.90 on her birthday.

Six weeks later the price was \$9.91, and she sold all of her shares. Ten weeks after that the price was still rising. It was \$10.88, and she decided to repurchase 10 shares of TZC. In two months, the price was dropping. It was now \$9.15, and she sold her shares. How much money does she have?

The square pizza store sells pizza only in the shape of squares. Their original square pizza costs \$10 and has a diameter of 17 centimeters. Megan is the owner, and due to the success of the original square pizza, she wants to introduce a jumbo square pizza. She wants to price the new pizza at the same rate, just larger. She prices the jumbo at \$30 and thinks the diameter should be 51 centimeters. What is the area of each of the pies? Are the pies priced at the same rate?





