

13	$+2\frac{2}{3}$		+13		+60		+24		$-\frac{3}{8}$	
----	-----------------	--	-----	--	-----	--	-----	--	----------------	--

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

Pick 26 to do:

Skip 2 pages.

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# Challenge Math Book 1

$99\frac{19}{24}$
$+3\frac{4}{8}$
$-\frac{5}{8}$
+8
+46
$-\frac{4}{8}$
+22

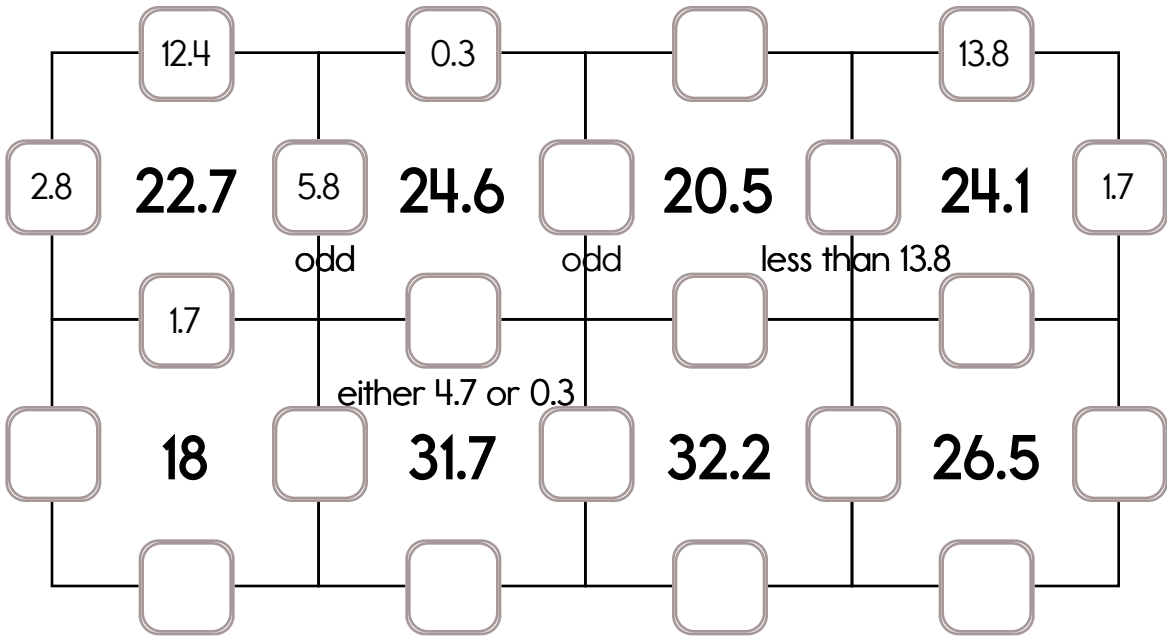
$+\frac{5}{8}$
-7
$+5\frac{1}{3}$
-18
-4
$+\frac{2}{3}$
$89\frac{11}{12}$
$+\frac{4}{8}$



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: 13.8, 12.4, or 20.9.

The other three numbers have to all be DIFFERENT and must be from these: 3.6, 7.4, 4.7, 5.8, 2.8, 1.7, or 0.3.



	$+\frac{1}{3}$		-27		$-\frac{2}{3}$		-48		$+6\frac{1}{3}$	
--	----------------	--	-----	--	----------------	--	-----	--	-----------------	--

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

Ready to make equations? There is a missing equation in each box.

Circle the numbers once you find it!

**A**

<b>78</b>	17	77
-	13	33 80
<b>12</b>	87	<b>66</b>
28	51	37

Find a subtraction fact.

**B**

<b>12</b>	30	76
-	68	80 41
84	10	15
32	89	37

Find a subtraction fact.

**C**

<b>44</b>	20	24
-	9	69 55
12	90	98
96	61	88

Find a subtraction fact.

Equations:

Write the equation facts you found.

<b>A</b>	<b>78</b>	-	<b>12</b>	=	<b>66</b>
<b>B</b>		-		=	<b>12</b>
<b>C</b>	<b>44</b>	-		=	

Rewrite these in increasing order of length:

559 dm, 9 cm, 138 km, 492 mm, 94 m

1 km = 1,000 m

23 km = \_\_\_\_\_ m

70 ÷ 10 =

139 + 522 = \_\_\_\_\_

29 cm = \_\_\_\_\_ mm

92
- 41

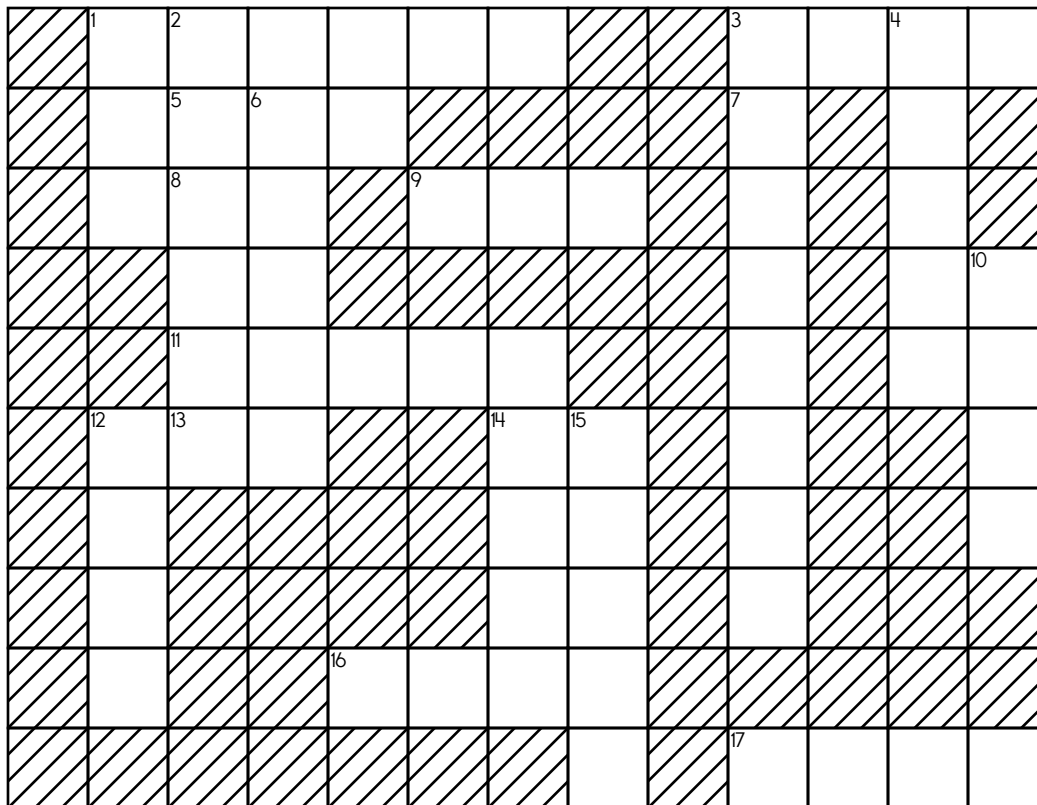
Name: \_\_\_\_\_

### ACROSS

### DOWN

2. the thousands in 10-Down + the ten thousands in 6-Down + the hundreds in 16-Across + the ones in 8-Down
3. the ones in 15-Down + the hundreds in 1-Down + the tens in 8-Down + the thousands in 16-Across
5. the tens in 8-Down + the hundreds in 10-Down + the ones in 6-Down
9. the hundreds in 2-Across + the tens in 4-Down + the ones in 1-Down
11. the tens in 13-Across + the hundreds in 10-Down + the ones in 8-Down + the ten thousands in 4-Down
13.  $4 + 18$
16. the ones in 13-Across + the hundreds in 10-Down + the thousands in 14-Down
17. the thousands in 2-Across + the tens in 4-Down + the ones in 16-Across

1. the tens in 4-Down + the ones in 15-Down + the hundreds in 10-Down
4. **fifty-three thousand two hundred forty-six**
6. the thousands in 14-Down + the ten thousands in 4-Down + the ones in 13-Across
7. seven million eight hundred sixty-three thousand six hundred seventy-five
8. the ones in 13-Across + the tens in 14-Down + the thousands in 4-Down
10. the thousands in 8-Down + the ones in 4-Down + the tens in 13-Across + the hundreds in 14-Down
12. the hundreds in 2-Across + the tens in 15-Down + the ones in 5-Across + the thousands in 8-Down
14. six thousand six hundred fifty
15. the tens in 13-Across + the ones in 8-Down + the ten thousands in 2-Across + the thousands in 6-Down



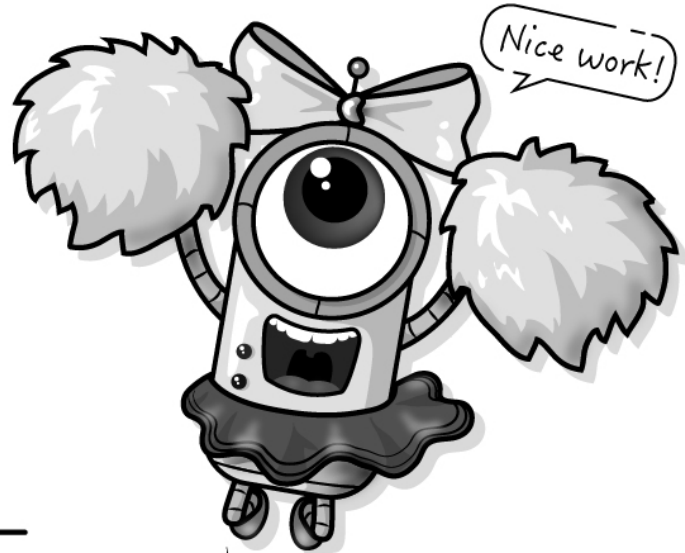
Name: \_\_\_\_\_

**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**

\_\_\_\_\_



$$10 - \frac{1}{2} + \frac{1}{9} =$$

Reduce  $\frac{54}{162}$  to its lowest  
terms.

$$16 + \frac{2}{3} + \frac{4}{11} =$$

$$9 \div \frac{1}{6}$$

Write  $\frac{3}{9}$  in lowest terms.Estimate quickly the  
difference.  
 $5,730 - 2,320$ 

How many pounds are in 128 ounces?

\_\_\_\_\_ pounds

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

Two integers don't get along.

"We have a lot of differences, Negative," said Positive.

"We aren't that much different," said Negative.

"Maybe," said Positive. "Actually, you might have a point. We would be twins with the same value if you took the absolute value of me."

"Absolutely!" replied Negative.

"Yeah," said Positive. "Too bad we are still 18 units apart without cheating and using absolutes."

Zero was hiding behind the bush listening to Negative and Positive talk. "I wonder what these two numbers are," he said to himself. "Maybe it could be 6 and -2. Nah, that's 8 units apart, and how could the absolute value of -2 make it a twin of 6 when  $|-2| = 2$ ? This is sooooooooooooo confusing."

Help Zero figure this out. And by the way, GOOD LUCK! Just for starters, the absolute value of a negative number is positive. Hope that helps.

Show your work.

This is not as confusing as it sounds! Did you know  $|5|$  means the absolute value of 5? The answer is 5 because it is 5 units from zero. Absolute value measures the number of units from zero.

☐

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**

\_\_\_\_\_



$1 + 8 \times 3 - 8$

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

99 divided by 9 equals

What is the area of a  
rectangle with sides 3 cm  
and 6 cm?

What is 50% of 1,006?

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

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

Find 2 equations hidden in each box. Good luck!

4

 $7 - 2$ 

8

5

 $8 - 6$ 

6

2

7

Write 2 equations: \_\_\_\_\_

701

 $859 + 90$  $20 + 848$  $520 + 20$ 

949

227

411

 $541 + 77$  $89 + 612$  $74 + 614$ 

650

895

 $99 + 107$ 

Write 2 equations: \_\_\_\_\_

 $8 \times 7$  $5 \times 7$  $1 \times 0$  $8 \times 8$ 

20

 $4 \times 6$ 

64

14

16

2

6

54

45

 $1 \times 5$  $5 \times 9$ 

Write 2 equations: \_\_\_\_\_

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 2 in your head

multiply 2

multiply 9

Write the tens digit.

\_\_\_\_\_  
A

imagine 3 in your head

add 5

subtract 5

multiply 7

subtract 9

multiply 3

Add the tens digit to the ones digit.

Write the sum.

\_\_\_\_\_  
B

imagine 4 in your head

add 9

subtract 9

multiply 7

add 3

Write the tens digit.

\_\_\_\_\_  
C

imagine 3 in your head

add 8

multiply 3

add 3

double it

add 1

Add the tens digit to the ones digit.

Write the sum.

\_\_\_\_\_  
D    E

What is the sum?

A + B + C + D + E

\_\_\_\_\_

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

\_\_\_\_\_ e \_\_\_\_\_

6 before 17 \_\_\_\_\_

7 after 16 \_\_\_\_\_

3 after 11 \_\_\_\_\_

4 before 14 \_\_\_\_\_

6 after 14 \_\_\_\_\_

4 after 15 \_\_\_\_\_

9 before 16 \_\_\_\_\_

1 after 18 \_\_\_\_\_

5 after 13 \_\_\_\_\_



☐

I did page 8

☐

I decided to skip this page  
edHelper

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

Mrs. Miller is the best gym teacher. "Today, we are going to play 1 on 1 basketball. Each game will be 3 minutes long, and you have to play everyone else in the class," Mrs. Miller said.

The gym has 6 basketball courts, and there are 12 kids in this class.

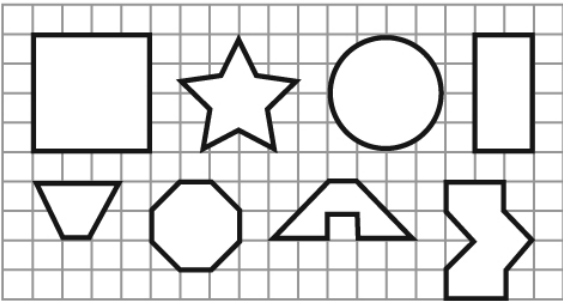
Everyone has to play everyone else. A game lasts 3 minutes, and there are about 30 seconds between each game. How long will it take to do this?

Show your work.

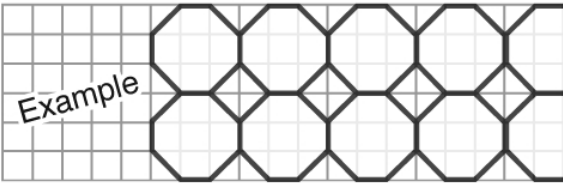
Name: \_\_\_\_\_



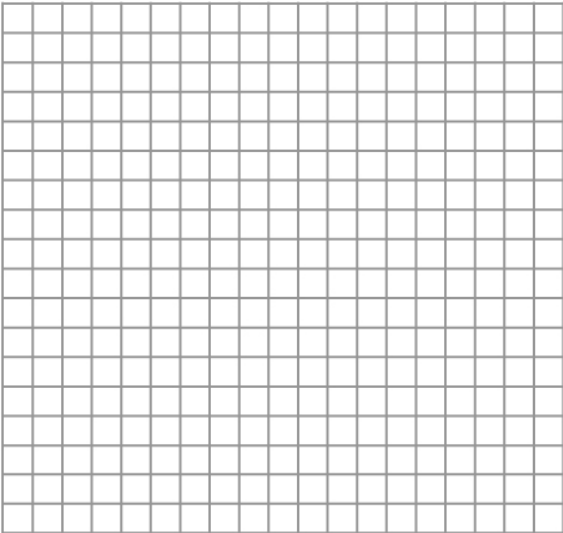
Shade the shapes that will **tessellate**; repeat to form a pattern without leaving any gaps or overlapping.



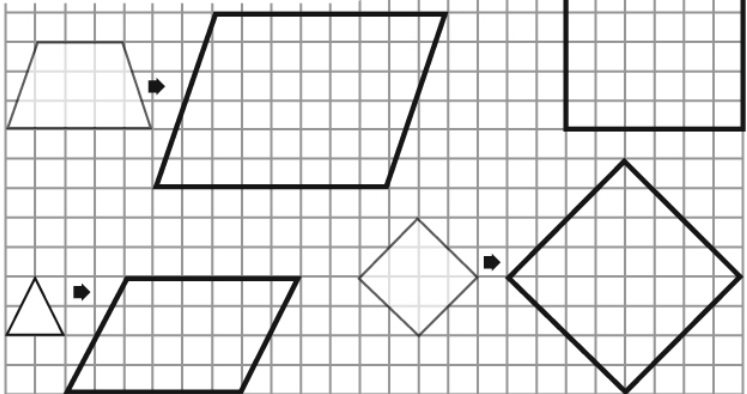
Create a tessellation using two shapes:



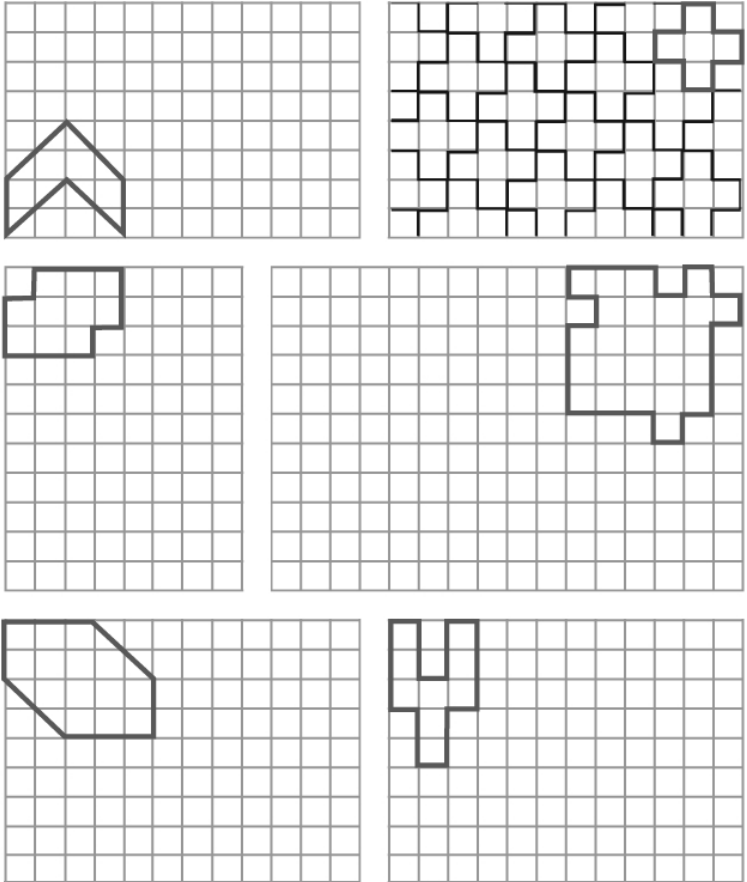
Create and Color



Use each shape to create a pattern that fills the entire box. The shapes cannot overlap and there can be no spaces.

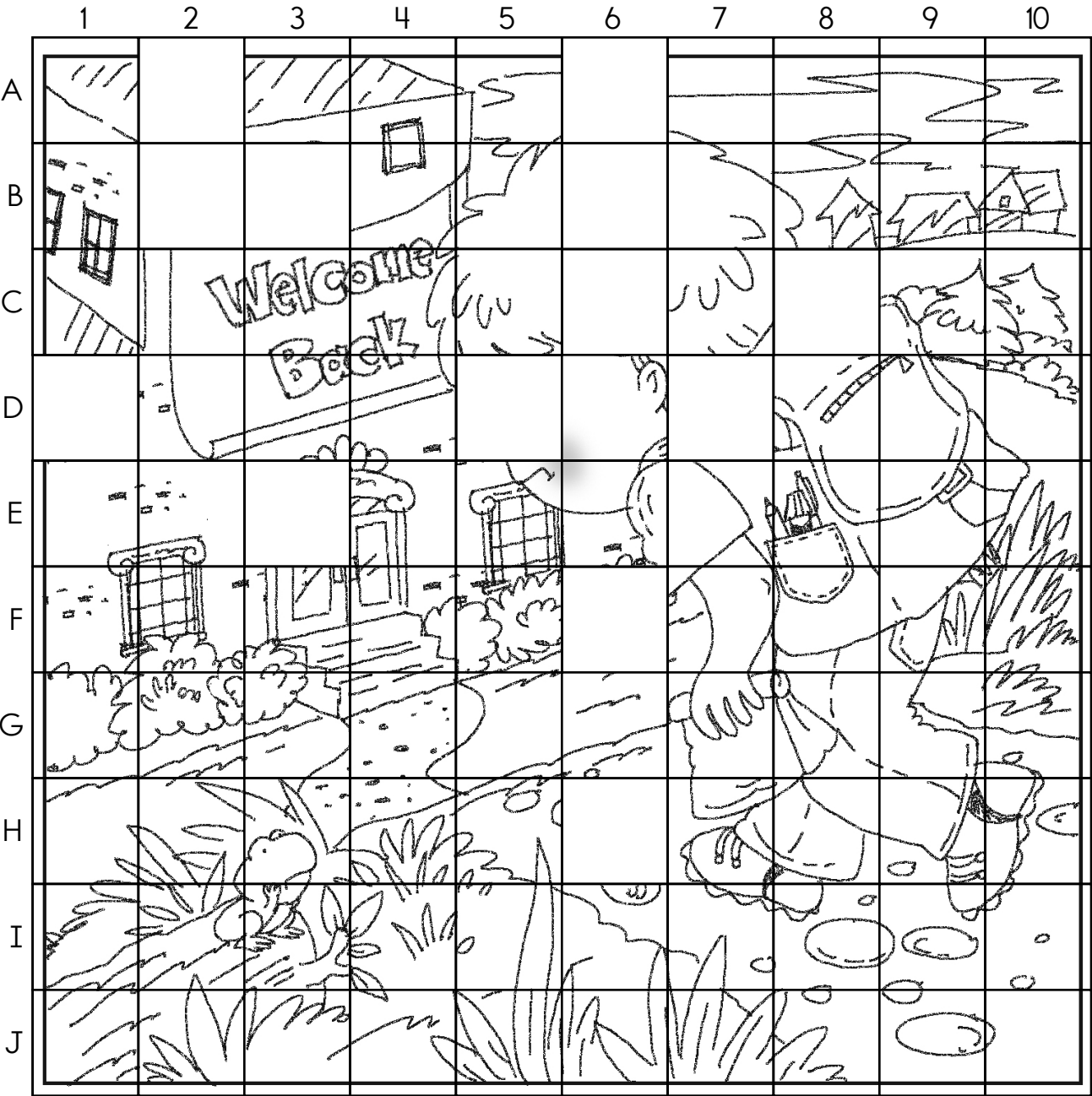
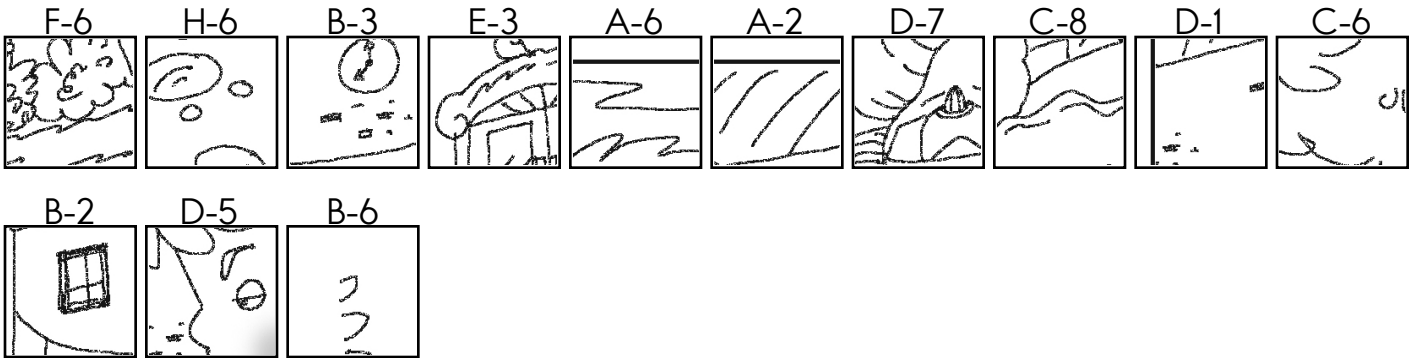


**Tessellate** each shape to fill the area. Example:



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

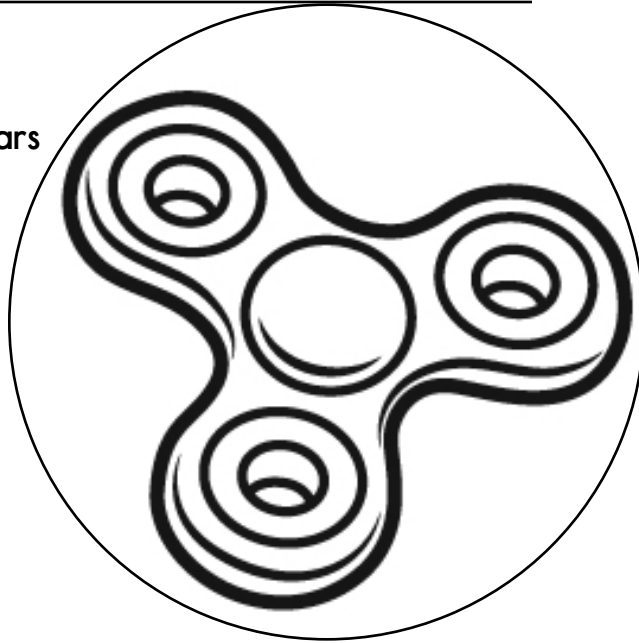
Oh, no. This picture is all mixed up. Try to redraw the picture using the letter and number as a guide.



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

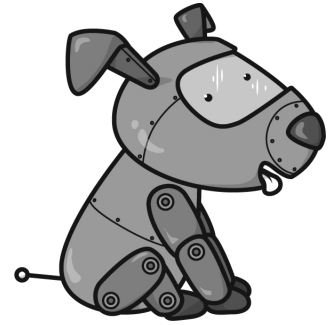
## Directions:

Use the rule that  
1 human year = 7 dog years  
to fill in the blanks.



How many times  
do you need to spin?

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



Spin fidget spinner. Quick!

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

Dog's Age: 63.7Human Years: 9.1Dog's Age: 36.4

Human Years: \_\_\_\_\_

Dog's Age: 72.1

Human Years: \_\_\_\_\_

Dog's Age: 84

Human Years: \_\_\_\_\_

Dog's Age: \_\_\_\_\_

Human Years: 11

Dog's Age: \_\_\_\_\_

Human Years: 3.6Dog's Age: 16.8

Human Years: \_\_\_\_\_

Dog's Age: 49

Human Years: \_\_\_\_\_

Dog's Age: \_\_\_\_\_

Human Years: 1Dog's Age: 68.6

Human Years: \_\_\_\_\_

Dog's Age: \_\_\_\_\_

Human Years: 5Dog's Age: 90.3

Human Years: \_\_\_\_\_

Dog's Age: 24.5

Human Years: \_\_\_\_\_

Dog's Age: \_\_\_\_\_

Human Years: 8.7

Dog's Age: \_\_\_\_\_

Human Years: 1Dog's Age: 28

Human Years: \_\_\_\_\_

Dog's Age: 55.3

Human Years: \_\_\_\_\_

Dog's Age: 18.9

Human Years: \_\_\_\_\_

Dog's Age: 70

Human Years: \_\_\_\_\_

Dog's Age: \_\_\_\_\_

Human Years: 8.2

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

Which of the following fractions when added to  $\frac{6}{9}$  is  $1\frac{7}{15}$ ?

$$\frac{1}{4}$$

$$\frac{2}{7}$$

$$\frac{3}{6}$$

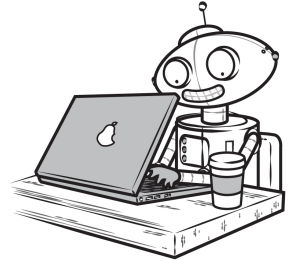
$$\frac{4}{5}$$

$$\frac{1}{3}$$

Hunter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 16, which will make 16 cookies. The problem is that he needs to make 135 cookies for his party, and his oven can only fit one cookie sheet at a time. How many times will he have to put a cookie sheet into the oven to make enough cookies?

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

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.

**Dr. Programmer typed:**

```
A = 8412
B = 100
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

**The computer replied:**

```
The number that is
100 more than 8412
is 8512
```

```
A = 8410
B = 10
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

```
The number that is
10 more than 8410 is
8420
```

```
A = 7770
B = 100
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

```
-----
-----
-----
```

```
A = 5270
B = 10
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

```
-----
-----
-----
```

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

A = 30544  
B = 1000  
C = A + B  
print ("The number that is ",  
      B," more than ",A," is ",C)

-----  
-----  
-----

A = 86155  
B = 10000  
C = A + B  
print ("The number that is ",  
      B," more than ",A," is ",C)

-----  
-----  
-----

A = 5818  
B = 100  
C = A + B  
print (B," more than ",A," is ",C)

-----  
-----

A = 4207  
B = 10  
C = A + B  
print (B," more than ",A," is ",C)

-----  
-----

A = 27706  
B = 1000  
C = A + B  
print (B," more than ",A," is ",C)

-----  
-----

5, \_\_\_\_\_, 9, 11, 13, 15,  
17, 19, 21, 23

$$(1 + 7) + 11$$

$$72 \div 9 =$$

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

$79\frac{5}{6}$	$-60$		
		$+\frac{5}{6}$	
$+\frac{1}{10}$		$+27$	
$+11$			
$-7\frac{1}{5}$			
$-8$		$-14$	

	$+3\frac{1}{6}$		$-\frac{4}{5}$
			$+54$
$-25$			
			$-45$
$-\frac{9}{10}$			
$28\frac{1}{3}$			$+\frac{4}{5}$
$-6$			
			$-\frac{3}{6}$
$+\frac{1}{6}$		$-1$	$+16$
$+\frac{6}{10}$		$+9\frac{7}{10}$	$-\frac{2}{5}$
			$38\frac{2}{5}$

Write this as a number in standard form.  
Use a comma in your number.

one hundred fifty-two thousand one  
hundred two

\_\_\_\_\_

$18 \div 6 =$  \_\_\_\_\_

$3 \times 5 =$  \_\_\_\_\_



☐

I did page 16

☐I decided to skip this page  
edHelper

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

Get a fidget spinner! Spin it.

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

$$36 \div 12 + 12$$

Write the missing family fact.

$$120 \div 8 = 15$$

$$15 \times 8 = 120$$

$$8 \times 15 = 120$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 4 feet?

8, 2, Z, \_\_\_\_\_, 8, 2, Z,  
b, 8, 2, Z, b, 8, 2, Z,  
b40, \_\_\_\_\_, 45, 49, 54,  
60, 67, 75, 84, 94, 105

It was 2 degrees above zero in the morning. By afternoon the temperature rose 23 degrees. How warm was it?

What 6 coins add up to 71 cents?

How many minutes is it from 8:00 a.m. to 10:15 a.m.?

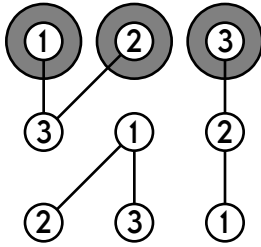
F, H, J, L, N, \_\_\_\_\_, R,  
T, V, X, Z(6,718,464), (1,119,744),  
(186,624), \_\_\_\_\_,  
(5,184), (864), (144),  
(24)

How many centimeters in 5.8 meters?

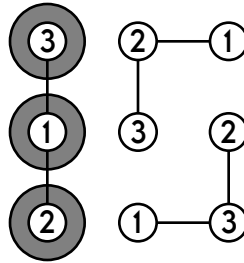
What is 50% of 910?

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

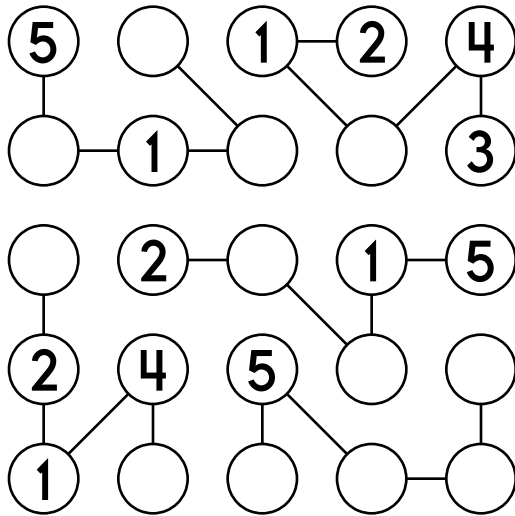
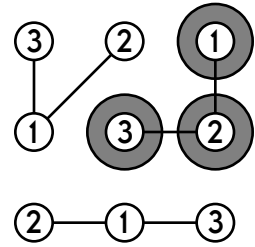
Each column must contain  
different numbers.



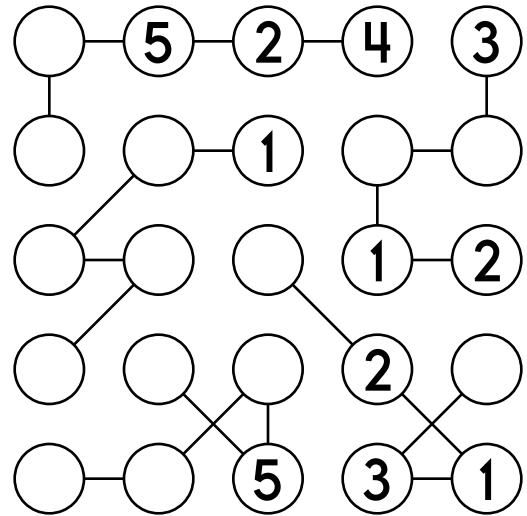
Each row must contain  
different numbers.



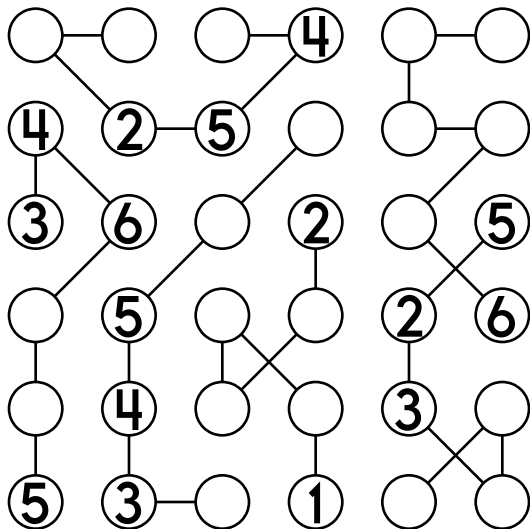
Each connected group must  
contain different numbers.



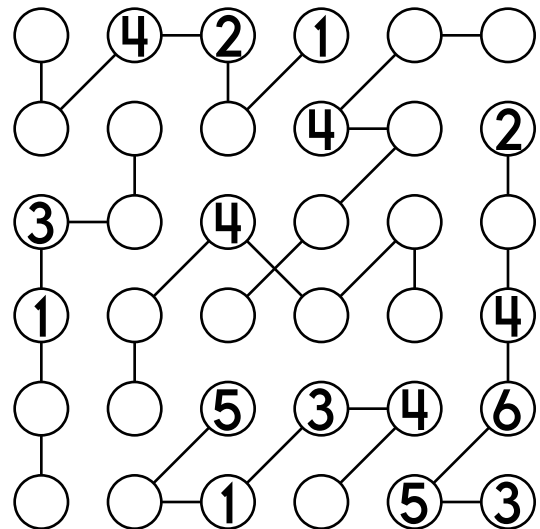
Use the numbers 1 through 5.



Use the numbers 1 through 5.



Use the numbers 1 through 6.



Use the numbers 1 through 6.

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

### Sudoku Sums of 8

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 8.

Here is an example of a sudoku sum of 8:

4	4
---	---

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

Circle the smallest number:

6,039,284,517

74,903,462

5,681,023

1,857

$$\begin{array}{r} 308 \\ + 469 \\ \hline \end{array}$$

$$\begin{array}{r} 722 \\ - 530 \\ \hline \end{array}$$

$6 \times 10 = \underline{\hspace{2cm}}$

word root **ad** can mean **toward or to**

**admission, admit**

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

Complete each pattern. Write what the rule is.

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

$$\underline{\hspace{2cm}}, 3\frac{1}{4}, 3\frac{1}{2}, 3\frac{3}{4}, 4, 4\frac{1}{4}, 4\frac{1}{2}, 4\frac{3}{4}$$

$$\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 1\frac{3}{4}, 2, 2\frac{1}{4},$$

$$2\frac{1}{2}, 2\frac{3}{4}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 3\frac{1}{2}, 3\frac{3}{4}, 4, 4\frac{1}{4}$$

Complete each pattern. Write what the rule is.

156	143	130
117	104	
78		52
39	26	

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

April loves talk about the weather. She talks to Alexa (the robot!) about it, her little brother, her big brother, and anyone else she knows. But she tries to avoid talking about it to her science teacher, Mrs. Clark. You know why she tries to avoid talking about the weather with Mrs. Clark? "Well, let me give you an example," interrupts April. "One day I was in class talking to Ava, when Mrs. Clark started talking."

"Class, settle down. Today I have a riddle for you," said Mrs. Clark. "Actually, it is not so much a riddle but more a case of the bad math. Here is how it goes. It was the start of September when one of my students asked how my summer went. I told her that each day if it rained, I rated the day a 0. If it was sunny, I rated the day a 7. And if it was cloudy, I rated the day a 4. I did this for 60 days during the summer. She asked me what the mean, median, mode, and range was for my list of 60 numbers. I told her that I would only tell her ONE number. What number should she pick, and why? Don't forget the why. Any answer might be correct if you have a good why!"

Show your work.

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.



$$\begin{array}{r} 123 \\ \times 37 \\ \hline \end{array}$$

Find the product of 566  
and 4.

$$\begin{array}{r} 4,290 \\ \times 9 \\ \hline \end{array}$$

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

Jen is really into science. She invented a robotic bug that burps. Her brother loves it, so she wanted to burp her brother today. She checked her phone, and her brother is currently 2.5 miles away. After she set the coordinates on the phone the robotic bug left. She got a burp confirmation 170 seconds later when it reached her brother. How fast did this burping bee travel in miles per hour?

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 44,502 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

☐

I did page 23

☐I decided to skip this page  
edHelper**Name:** \_\_\_\_\_

Maria is playing Erin a game of sock basketball. Erin is currently leading 19 to 12. They play for a few more minutes till the final score of 21 to 22 is reached. Can you tell who won?

Sarah is playing Anna a game of sock basketball. Anna is currently leading 18 to 11. They play for a few more minutes till the final score of 12 to 22 is reached. Can you tell who won?



Pam 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 161 different colored crayons. How many different colored small squares will she be able to fit in this rectangle?

If you know that  $57 \div 100 = 0.57$ , how could you solve these using mental math?

a.  $57 \div 1000$

b.  $0.57 \div 1000$

c.  $0.57 \div 1000 \times 100,000$

Show how you would use pennies, nickels, dimes, or quarters to make the amount shown. Try to use the fewest number of coins.

a. \$0.22

b. \$0.33

c. \$2.66



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

$$4 \overline{) 48}$$

$$36 \overline{) 738}$$

$$30 \overline{) 180}$$

$$20 \overline{) 1200}$$

$$32 \overline{) 165}$$

$$10 \overline{) 126}$$

$$8 \overline{) 712}$$

$$72 \overline{) 360}$$

$$28 \overline{) 168}$$

$$10 \overline{) 360}$$

$$48 \overline{) 96}$$

$$22 \overline{) 176}$$

$$\frac{1}{32}, \frac{1}{16}, \underline{\hspace{1cm}}, \frac{1}{4}, \frac{1}{2},$$

(1), (2), (4), (8)

The radius of a circle is 278 cm. What is the diameter of this circle?

$$12 + 18 \div 9$$

$$5 \frac{3}{6} + 2 \frac{3}{6}$$

$$34 + n = 50$$

How many minutes is it from 9:00 a.m. to 11:30 a.m.?

Circle the digit in the tenths place.

171.74

☐

I did page 25

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

Erin's great grandmother walked all the way across Germany before she came to the United States. She and her family carried all they owned in little sacks on their backs. They walked an average of 3.35 miles per day. How far did they walk in a year?

Megan bought 4 pieces of framing to make a frame for a picture of her great grandmother taken at Ellis Island. The wood cost a total of \$11.70. If two of the pieces together cost \$4.42, and each of the other 2 pieces had the same cost, how much was each remaining piece?

Erin bought purple, green, and gold streamers to put all the way around the librarian's desk on Mardi Gras Day. The desk is in the shape of a triangle with sides of 4m, 3m, and 6m. The streamers cost \$0.39 per meter. What will it cost to buy enough to wrap around the desk 5 times?

According to a survey, 82% of adults in the United States pray at least once a week. Out of a group of 20,000 adults, approximately how many pray at least once a week?

Three boys put all their pennies together to buy popcorn. Justin gave  $\frac{1}{4}$  of the pennies. Jacob gave  $\frac{1}{8}$  of the pennies. They had 456 pennies in all. How many pennies did Peter give?

Alex found the sum of the first five even numbers and got a result of 20. What mistake must he have made?

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

Hannah and Maria each want to buy \$140 rugs for their rooms. Who will be able to buy it first?

Hannah has \$27 saved. She earns \$12 each week and plans to save it all for the rug.

Maria has \$35 saved. She earns \$8 each week and plans to save it all for the rug.

Which amount of time is longer?

6 hours or 460 minutes?

310 minutes or 5 hours?

450 seconds or 8 minutes?

1 hour = \_\_\_\_\_ minutes

1 minute = \_\_\_\_\_ seconds

The grocery store sells 3 cases of Amy's Water for \$27. They also offer 5 cases of Cool Water for \$47.50. If you like both brands equally, then which brand of water is the better deal?

Who is the youngest?

Jack will be 30 years old in 2033.

Sarah turned 13 years old in 2018.

Gavin will be 17 years old in 2023.

$$4.7 + 0.7 + 25.1 + 2.8 = 33.3$$

Diagram illustrating the addition of two rows of numbers to find their sum:

Row 1	Row 2	Sum
4.7	28.6	35.9
3.5	0.7	37.5
25.1	0.7	33.3

A 4x4 grid logic puzzle. The grid contains numbers and clues. Some cells are empty, and some are dashed boxes. The clues are as follows:

- Row 1: 3.5, 1.9, (empty), 8.8
- Row 2: 8.8, 41.9, 27.7, (empty), 8.8, 45.6, (empty), 42.8
- Row 3: 1.9, (empty), (empty), (empty), (empty), (empty), (empty), (empty)
- Row 4: 27.7, 43.1, (empty), 34, (empty), 32.4, (empty), 37.1
- Row 5: (empty), (empty), (empty), (empty), (empty), (empty), (empty), (empty)
- Row 6: 1.9, 44, (empty), 45.6, (empty), (empty), (empty), (empty)
- Row 7: (empty), (empty), (empty), (empty), 25.1, (empty), 4.7, (empty)

The clues are as follows:

- Row 1: greater than 0.7
- Row 2: either 25.1 or 8.8, even, even
- Row 3: even, even, either 1.9 or 4.7
- Row 4: less than 8.8, odd, even, even
- Row 5: either 25.1 or 8.8, less than 28.6, even, less than 28.6
- Row 6: even, even, even
- Row 7: either 4.7 or 3.5

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: 15.7, 26.2, or 16.5. The other three numbers have to all be DIFFERENT and must be from these: 3.6, 8.2, 5.3, 1.1, 2.8, or 0.1.

	1.1						
	greater than 3.6		either 26.2 or 15.7		either 26.2 or 2.8		
3.6	26.5	16.5	25.9	0.1	35.2	5.3	40.8
	even						
5.3							
	odd		less than 5.3		greater than 0.1		
	32.8		20.5		24		28.4
either 0.1 or 2.8		less than 26.2	greater than 0.1		even		
	even		either 3.6 or 0.1		odd		even
	38.3		23.9				39.8
	even		greater than 1.1		even		
greater than 0.1		odd	either 3.6 or 15.7		even		
	32.7		22.2		25.7		35.4
	greater than 2.8		odd		greater than 1.1		less than 8.2
	even		even		either 1.1 or 3.6		odd
	31		38.1				
even			greater than 3.6		either 0.1 or 16.5		less than 3.6
	less than 26.2		greater than 8.2		greater than 5.3		either 2.8 or 16.5



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