Name: _____

51	$-1\frac{1}{7}$		+55	-6		$+\frac{1}{2}$		$-\frac{1}{3}$	
			+36	$-2\frac{1}{2}$				-4	
$+\frac{1}{3}$		$+\frac{1}{2}$							
				-25				$+\frac{2}{7}$	
-11							$-\frac{1}{2}$		
				$+\frac{1}{3}$		-38			
-7				$189\frac{23}{42}$					
				+16		-58			
+53		$-3\frac{4}{7}$		$+\frac{3}{7}$			+13	$69\frac{1}{3}$	

66 ÷ 11 =	19 kg = _____ g	Ava rolls two dice. What is the chance of her rolling a 2 on one die and a 6 on the other die? _____

word root **rupt** can mean **break** **erupt, interrupt**

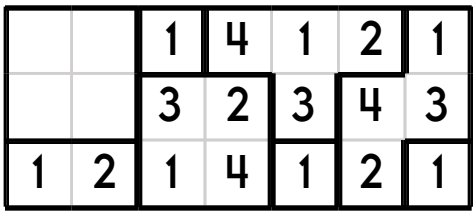
Name: _____

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:

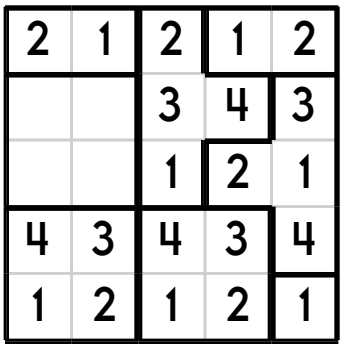
A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.



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

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

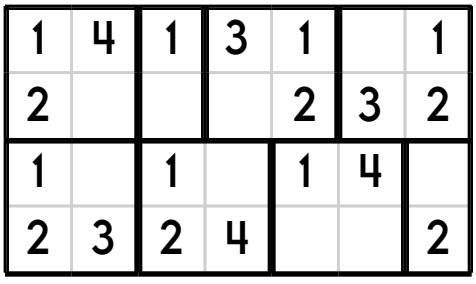
1 4 2 3



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

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

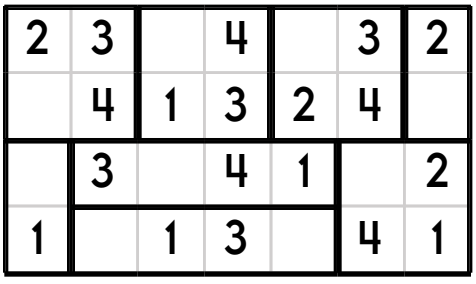
4 1 3 2



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

Hint - These numbers are missing:

3 4 3 2 1 2 4 4 3



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

Hint - These numbers are missing:

2 1 1 2 3 4 2 2 1

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

2 2 1 4 3

1 2 2 4 2

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

Hint - These numbers are missing:

1 2 3 4 4 3 2

1 2 1 1 3 2 3

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

Hint - These numbers are missing:

4 4 3 3 2

2 4 3 2 1

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

Hint - These numbers are missing:

2 2 4 4 3

1 4 2 4 4

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

4 + 6 + (2 - 1)

Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

It was 87 degrees outside. What would the temperature be if it got 28 degrees colder?

$16\frac{1}{2}$, 19, $21\frac{2}{5}$, $23\frac{9}{10}$, $26\frac{3}{10}$, $28\frac{4}{5}$, $31\frac{1}{5}$, $33\frac{7}{10}$, $36\frac{1}{10}$, $38\frac{3}{5}$, 41, $43\frac{1}{2}$, _____, $48\frac{2}{5}$

Circle the three numbers whose product equals 864.

12 8 4

8 9 7

80, 96, 112, 128, 144, 160, _____, 192, 208, 224

It was 7 degrees below zero in the morning. By afternoon the temperature rose 17 degrees. How warm was it?

40, 54, _____, 82, 96, 110, 124

Estimate quickly the difference.
5,160 - 2,320

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

How many centimeters in 460.6 meters?

Round the decimal 0.635 to the nearest hundredth.

Name: _____

Peter decided to write a letter to his favorite uncle on Blah Buster Day. He wrote the letter on his computer and printed it on bright blue paper. It took him 29 minutes to write the letter. If he started writing it at 2:11 p.m., what time did he finish the letter?

Gavin flew home for Christmas. His flight was 2 hours and 14 minutes. The flight landed in Jacksonville at 5:35 p.m. It took him 25 minutes to drive to the airport, and he was an hour and 16 minutes early for his flight. At what time did he leave his house?

David needs $35.77 to buy flowers for his mother on Forget Me Not Day. He has $8.71. If he saves $5.25 each week, how many weeks will it take him to save enough money to buy the flowers?

313 + 972 = _____

How many feet are in 48 inches?

_____ feet

Sarah likes to change numbers into a secret letter form. Sarah changed the number 91,563 to SSSSS. Sarah changed the number 629 to SSS. Sarah changed the number 958,854 to SSSSSS. Sarah changed the number 8,585 to SSSS. How do you think she would change the number 77?

_____

30 ÷ 5 = _____

33 ÷ 11 = _____

48 ÷ 6 = _____

10 x 9 =

$$\begin{array}{r} 92 \\ -\ 16 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ +\ 36 \\ \hline \end{array}$$

8 x 5 = _____

Circle the addition property for 47 + 149 = 149 + 47.

associative property

commutative property

$$\begin{array}{r} 211 \\ +\ 499 \\ \hline \end{array}$$

8 x 6 = _____

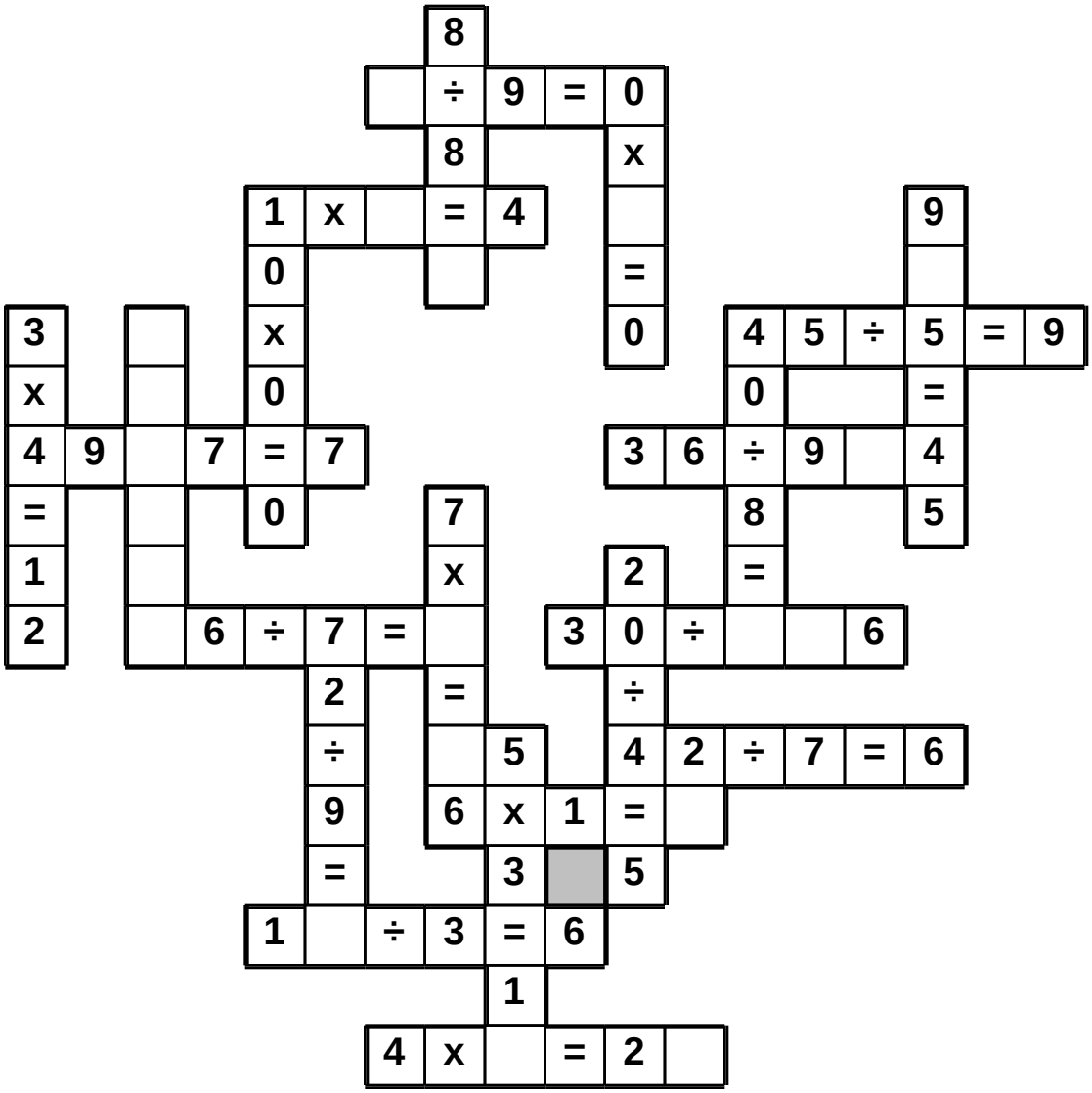
36 ÷ 9 =

word root **art** can mean **skill** **artist, artifact**

Name: _____

0 • 4 • 6 • 1 • x • 3 • 0 • ÷ • = • 6 • = • 5 • 8 • 5 • = • 5
6 • 8 • 5 • 0

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

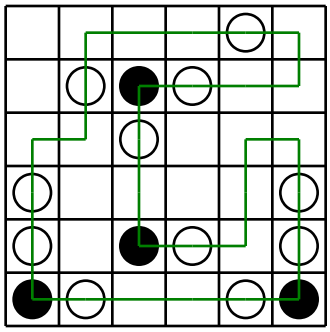


Write 38,417 in words.

_____

$$\begin{array}{r} 526 \\ -\ 463 \\ \hline \end{array}$$

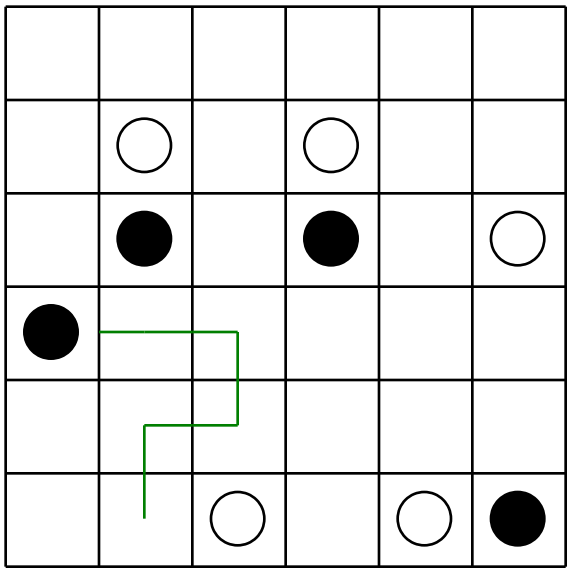
Name: _____



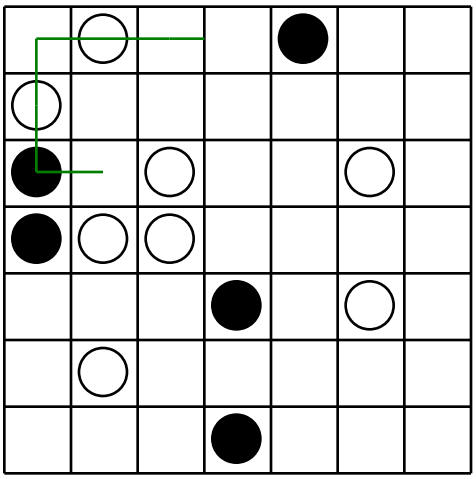
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



1 cm = 10 mm

24 cm = _____ mm

416 - 293 = _____

4 x 7 =

10 x 6 = _____

80 ÷ 10 = _____

Can 760 be evenly divided by 10? Circle:
760 is evenly divisible by 10
760 is NOT evenly divisible by 10

2 x 11 = _____

word root **vert** can mean **turn** **extrovert, revert**

Name: _____

4 • 8 • 4 • 5 • 9 • = • 8 • 6 • 0 • 8 • ÷ • 7 • 3 • ÷ • 3 • = • 1 • 1 • 4 • 2

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

0		9	x	6	=	5								
+						+						x		
						0								
+			-	5		1	3	-	9			=		
4			+			5						4		
=								x	0	=				
	÷	4	=	2				+						
			1	2		6	=	2						
			7			+		=						
								8		0				
										x	5	=	5	
						7								
						+	0	+	3	=	5			
						6				0				

4 x 8 = _____

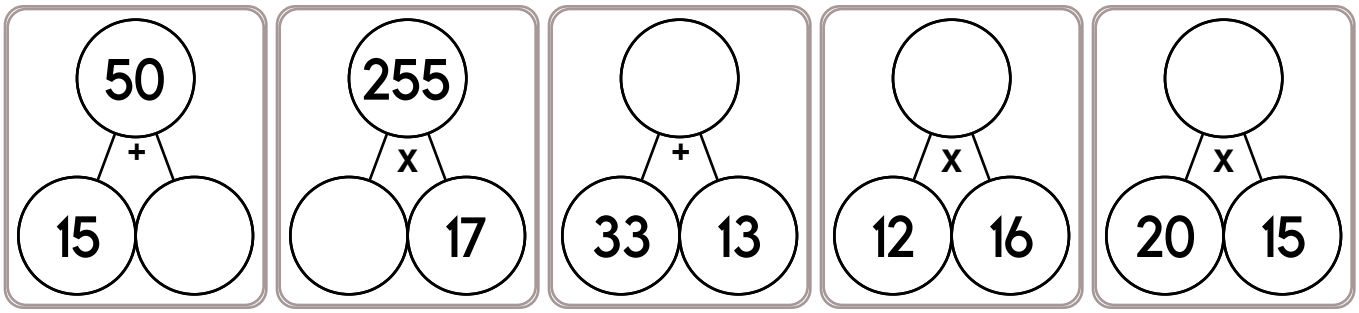
The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

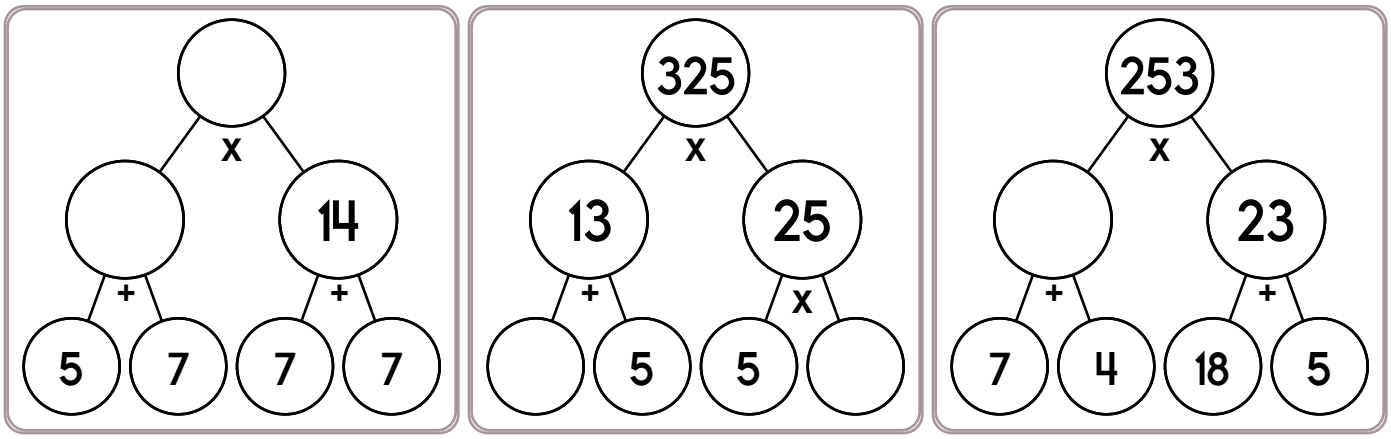
8 ÷ 4 = _____

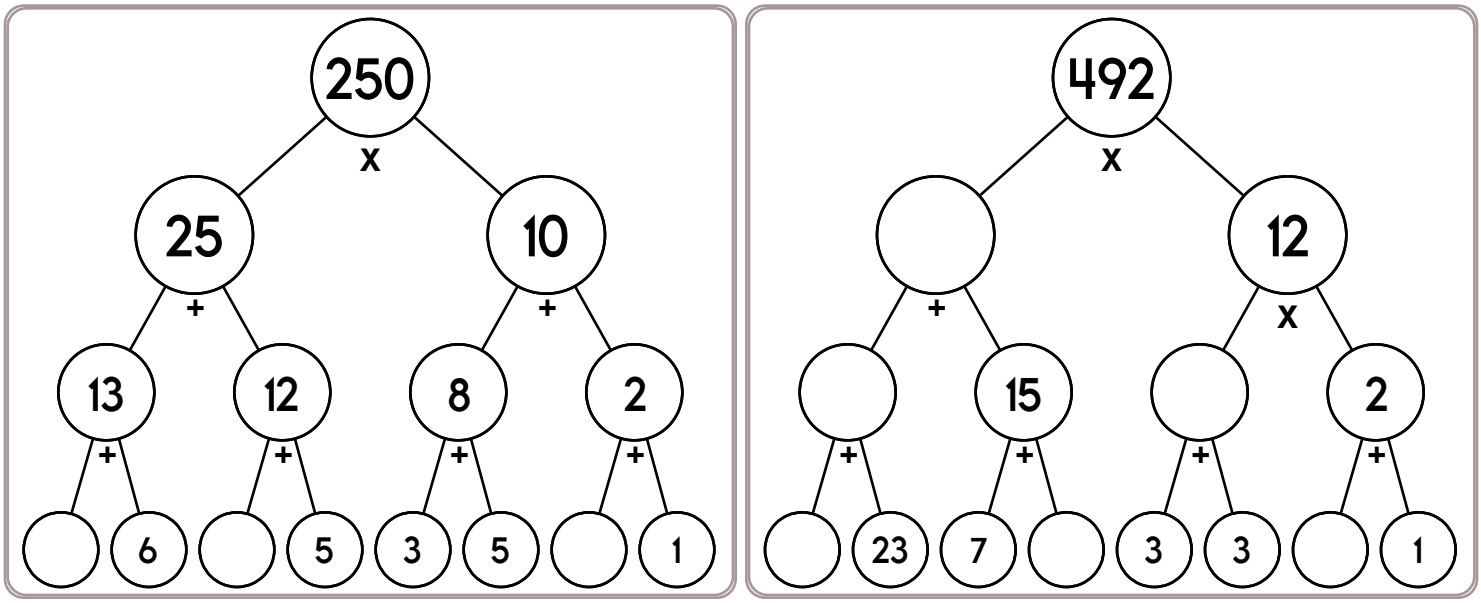
36 ÷ 9 =

word root **phor** can mean **carry** **metaphor, euphoria**

Name: _____







What is the greatest common factor of the numbers 120 and 60?

639 ÷ 10

Simplify.

$\frac{3,200}{4,800}$ =

word root **il** can mean **not or into** **illuminate, illumination, illuminative**

Name: _____

$49\overline{)441}$ $42\overline{)337}$ $27\overline{)864}$ $5\overline{)362}$

$18\overline{)540}$ $60\overline{)1817}$ $72\overline{)648}$ $8\overline{)144}$

$48\overline{)1920}$ $18\overline{)519}$ $5\overline{)315}$ $16\overline{)50}$

$$\begin{array}{r} 40 \\ \times\ 13 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times\ 18 \\ \hline \end{array}$$

Find the product of 864 and 2.

Simplify.

$\frac{57}{133}$ =

17y - 17.8 = 101.2

y =

|73| - [-46| =

Name: _____

Rose is mapping out an imaginary trip from point (-5, 7) to (11, 7). She spent 5 days there. Then she went to point (11, 5). If 1 unit = 65 miles, how many total miles did she travel in all?

$38 - \frac{5}{7} =$

Reduce $\frac{40}{52}$ to its lowest terms.

$18 + \frac{1}{9} - \frac{2}{5} =$

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

$|-79| + [69| =$

$\frac{4}{6} \times \frac{2}{6}$

$36 \div 9 =$ _____

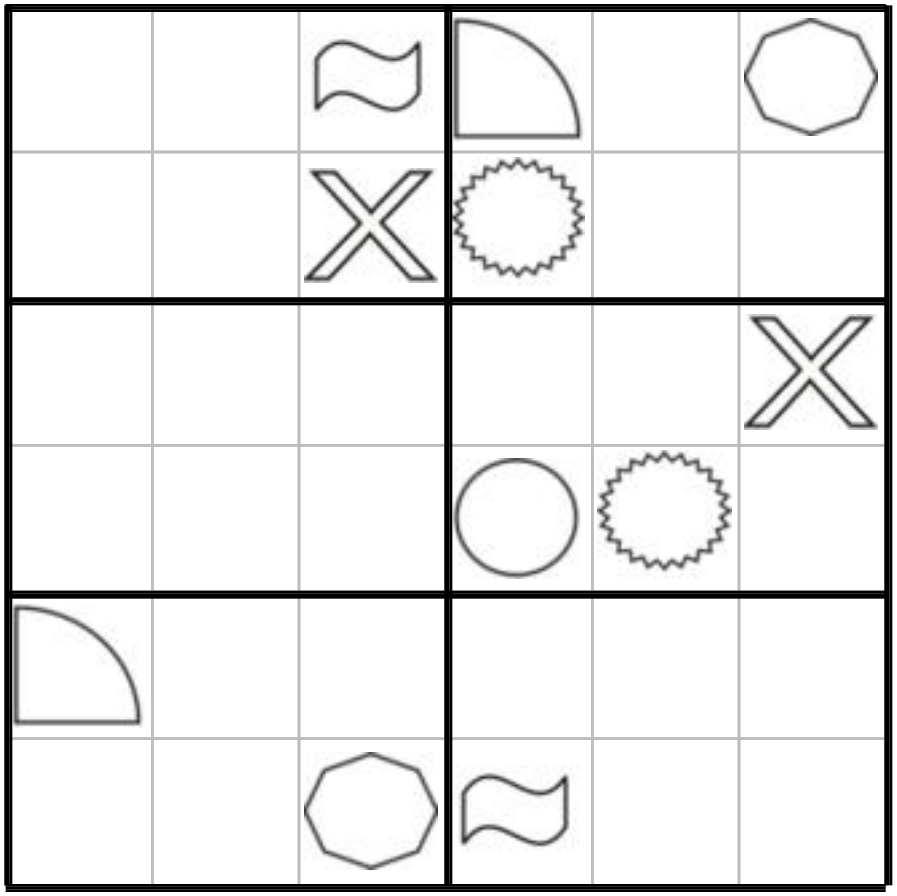
$121 \div 11 =$ _____

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

2	3	4			1
5	6	1			2
	1		6		3
	5		1		
6	2				

Each row, column, and box must have 6 different pictures.



Name: _____

Sudoku Sums of 13

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 13.

Here is an example of a sudoku sum of 13:

6	7

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

Each side of a regular pentagon is 92.3 centimeters. What is the perimeter?

Simplify.

$\frac{11,400}{15,200}$ =

$(8 + 11) + 7 = 2(v + 8)$

What is the value of v?

Name: _____

Each row, column, and box must have the numbers 1 through 9.

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

$\frac{39}{44} \div \frac{2}{11} =$

Circle the percentage that is closest to 11 out of 74:

66%

85%

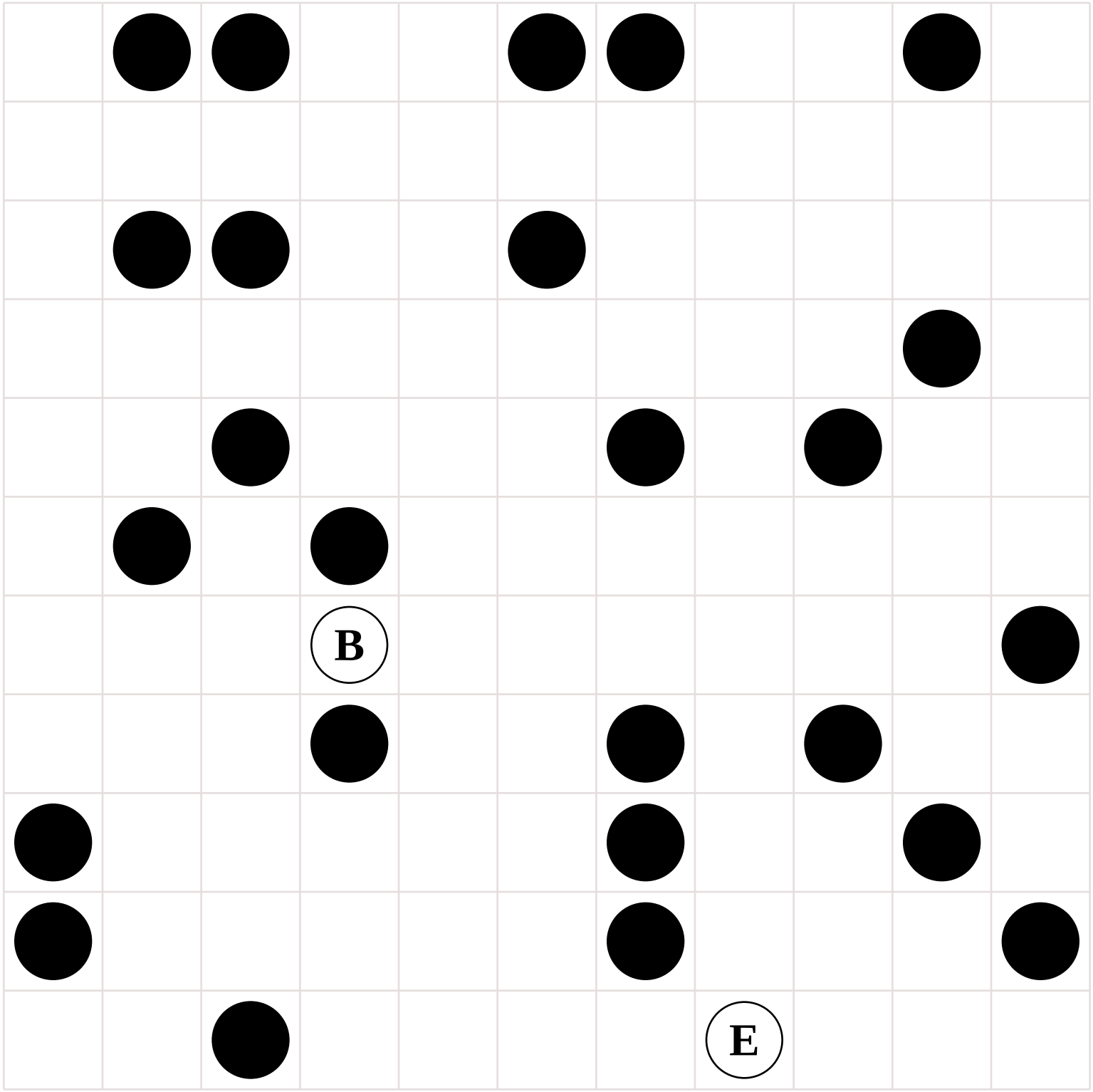
5%

If w = -9 and p = 15 then what is 11w - 8p + 4p = ?

4 x 2 = _____

Name _____ Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and end your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ circles.

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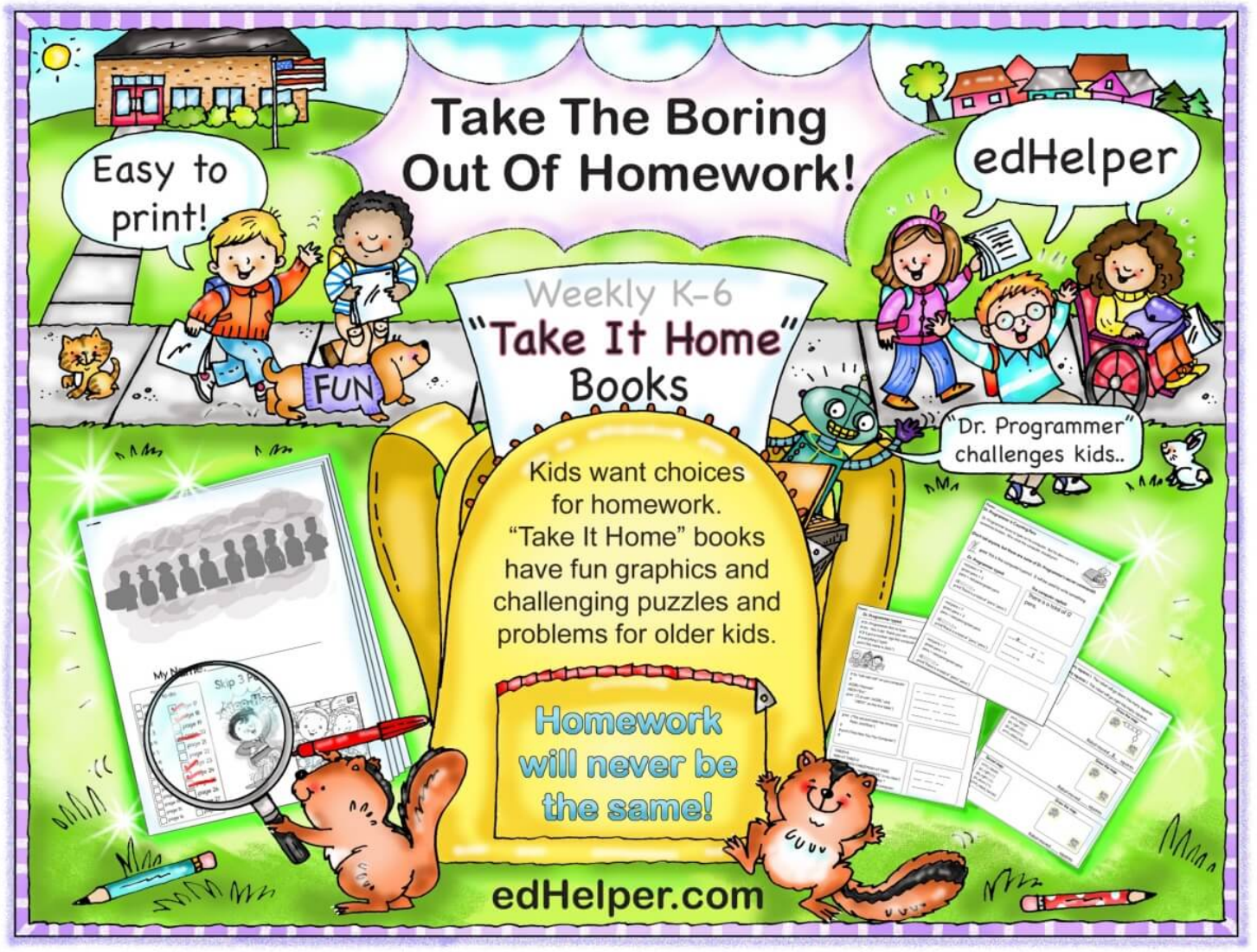
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