Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

69	29	71
86	**30**	61
35	19	66
33	78	**56**

Find an addition fact.

B

63	52	20
48	93	80
30	81	27
37	42	91

Find an addition fact.

C

15	65	37
33	31	84
25	82	75
11	72	60

Find an addition fact.

Equations:

Write the equation facts you found.

A	30	+	56	=	86
B		+	63	=	
C		+	15	=	

Change $\frac{1}{4}$ to a decimal.

$8\overline{)36.8}$

$5\overline{)0.025}$

Name: _____

$$\begin{array}{r} \frac{1}{8} \\ \frac{6}{8} \\ +\ \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{6} \\ -\ \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{1}{6} \\ -\ 1\frac{4}{6} \\ \hline \end{array}$$

$8 + \frac{1}{6} + \frac{3}{11} =$

Change $\frac{408}{152}$ to a mixed number.

$$\begin{array}{r} \frac{8}{9} \\ +\ \frac{4}{9} \\ \hline \end{array}$$

Find the least common denominator.

$\frac{7}{8}$ and $\frac{27}{28}$

Reduce $\frac{8}{16}$ to its lowest terms.

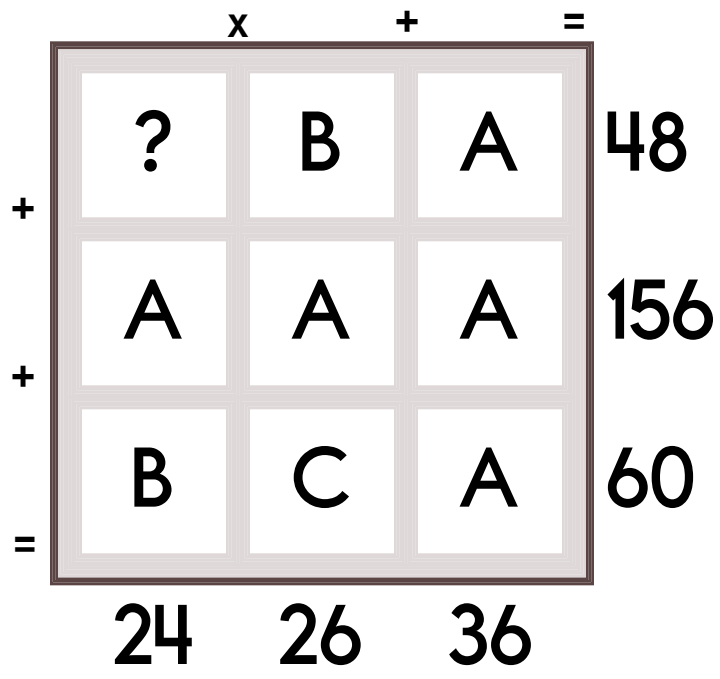
$1\frac{2}{3} \times 1\frac{1}{5} =$

$6 + \frac{2}{7} - \frac{2}{3} =$

$15 - \frac{7}{9} + \frac{5}{6} =$

$14 - \frac{1}{4} - \frac{4}{7} =$

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B x C + A = 60 A x A + __ = 156

__ + __ + __ = 36 __ + __ + __ = 26

Additional hints:

A = B + 6 B < 14

Show Work:

Solve:

? = __

Name: _____

Gavin is a volunteer at a kitchen that serves meals to people that need help. He uses $1\frac{1}{2}$ pounds of meat to make enough spaghetti sauce to serve 8 people. How many people could be served if he used 26 pounds of meat?

Nathan has taken twenty-eight spelling quizzes this year. Of those, he scored below 70% on two of them. What is the probability that he will score 70% or above on his next spelling quiz?

Figure out the greatest common factor of the following numbers:

18 12 60

$$\begin{array}{r} \frac{5}{11} \\ +\ \frac{9}{11} \\ \hline \end{array}$$

Find the difference between 4,864 and 85.

Write the decimal number for:

six hundred ninety-three and six ten-thousandths

Name: _____

Figure out the greatest common factor of the following numbers:

35 77 28

Fill in the blanks with >, =, or the < sign.

-9 _____ -54
7,800,000 _____ -960
-21 _____ 7
11 _____ -22

Name: _____

Emma bought 12 green bows to put in her horse's mane for the parade. Each bow cost $1.88. How much did Emma spend on the bows?

Mrs. Smith gave each of her 3 children an equal amount of money to spend at the beach. She gave them $19.38 in all. How much money did each child get?

Max's first jazz piano performance lasted $13\frac{5}{6}$ minutes. His second piece lasted 688/60 minutes. Which lasted longer? How much longer? (Round off the answer to the nearest 0.01 minute.)

Hannah rolls a die. What is the chance of her rolling a 2?

_____

Circle the addition property for 51 + 59 = 59 + 51.

associative property

commutative property

$$\begin{array}{r} 858 \\ -\ 113 \\ \hline \end{array}$$

5 x 6 = _____

Circle the smallest number:

7,095,608,137

16,482,975,182

2,430

31,486,295

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

54 ÷ 6 = _____

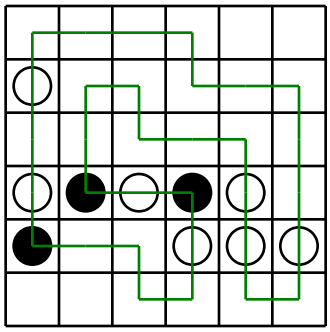
$$\begin{array}{r} 41 \\ -\ 10 \\ \hline \end{array}$$

96 ÷ 8 = _____

Wendy rolls two dice. What is the chance of her rolling a 1 on one die and a 5 on the other die?

_____

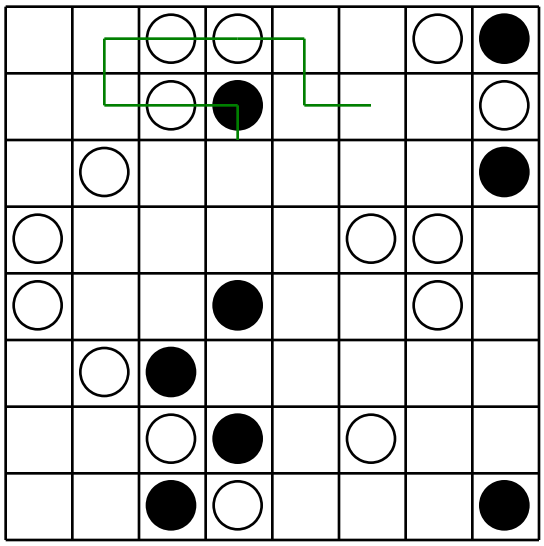
Name: _____



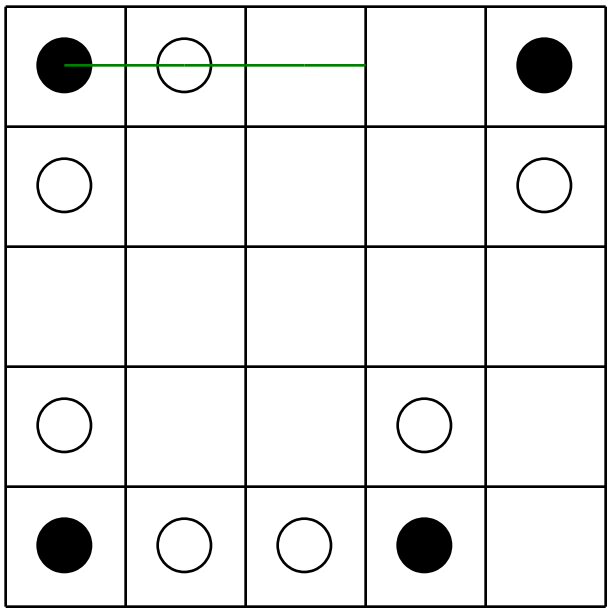
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



17 km = _____ m

The product of two consecutive whole numbers is 182. What are the two consecutive whole numbers?

1 kg = 1,000 g

11 kg = _____ g

$$\begin{array}{r} 479 \\ +\ 449 \\ \hline \end{array}$$

11 x 9 =

How many inches are in 3 feet?

_____ inches

9,694 - 5,288 = _____

Name: _____

62,124 - 29,664 = _____

5 x 9 = _____

For 33,290,890,717, write the digit that is in the ten thousands place.

_____

Megan is playing April in a friendly game of basketball. Megan makes a basket for every two attempts. April needs four attempts to make a basket. Each basket is worth 2 points because they aren't taking 3-point shots. If they each make 24 attempts, then what is the score?

369 + 563 = _____

11 x 4 =

If you divide 73 by 4, you get a remainder of 1.
Make up three other different equations where you divide by 4 and get a remainder of 1.

What time is 13 hours after 5:00 p.m.?

_____

132 ÷ 12 = _____

6 x 8 = _____

88 ÷ 11 = _____

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

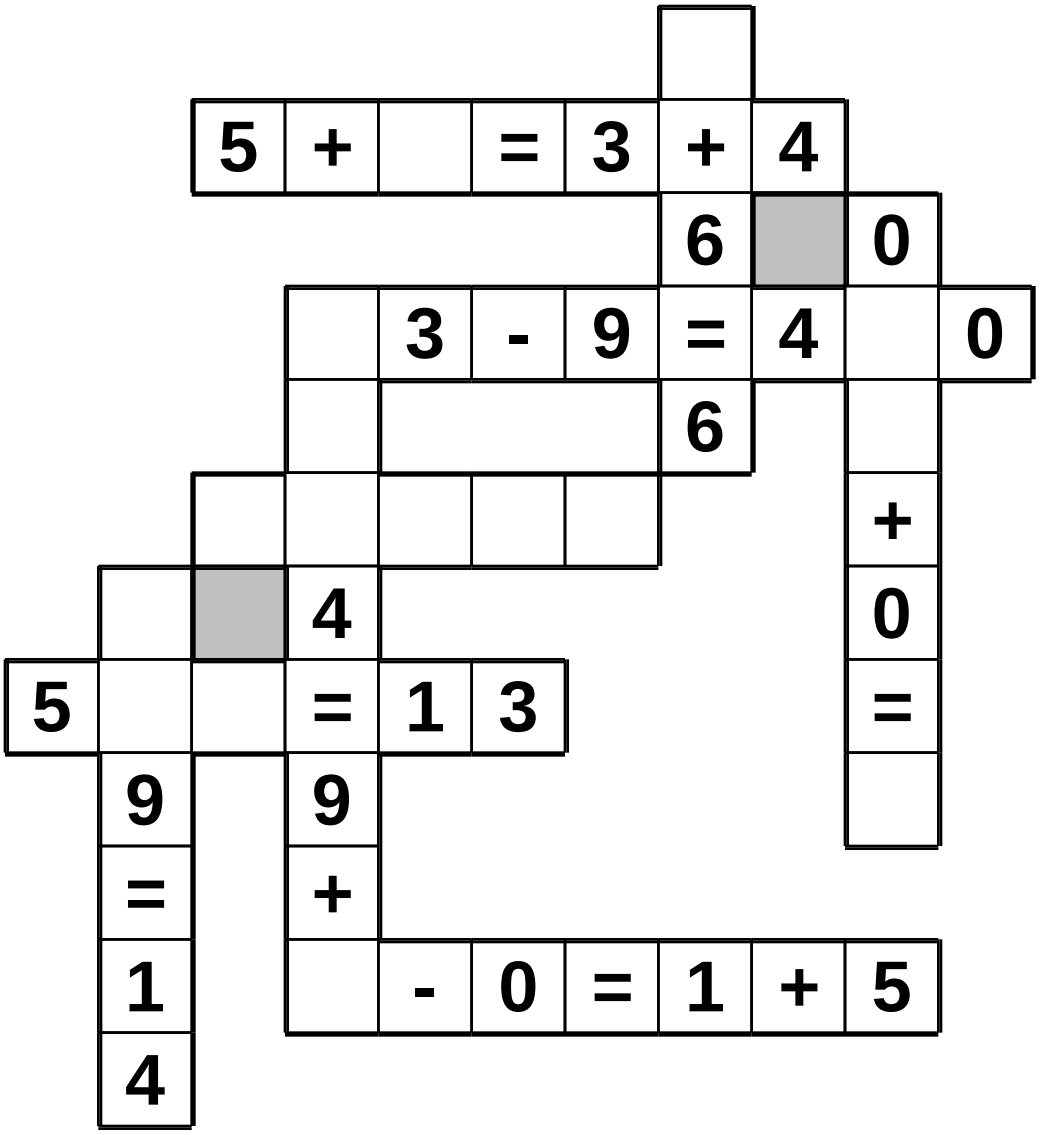
nine hundred sixty-nine thousand, four hundred fifty-eight

_____

Name: _____

0 • 2 • 1 • + • 1 • 4 • 0 • + • 0 • = • 0 • 5 • + • 8 • 4 • 6

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



7 x 2 = _____

The letters D and T each have a line of symmetry. Name another letter between D and T that has a line of symmetry.

_____

132 ÷ 11 = _____

Name: _____

Pay the bill!

Rent is due. April needs to pay her landlord $2,500. Her landlord's name is Pam Martinez.

SAMPLE

APRIL 1236

DATE May 3, 2026

PAY TO THE ORDER OF Pam Martinez $ $2,500.00

two thousand, five hundred DOLLARS

MEMO rent *April (sign in script)*

⑆993114258⑆ ⑈5424⑈ 1236

Pay the bill!

April received a bill from Central Water for $200.99. Write the check as April would write it.

APRIL 1237

DATE _____

PAY TO THE ORDER OF _____ $

_____ DOLLARS

MEMO _____

⑆993114258⑆ ⑈5424⑈ 1237

Pay the bill!

April received a bill for her cellphone from Mobile Unlimited for $41.33. Write the check as April would write it.

APRIL 1238

DATE _____

PAY TO THE ORDER OF _____ $

_____ DOLLARS

MEMO _____

⑆993114258⑆ ⑈5424⑈ 1238

word root **scope** can mean **look** telescope, periscope

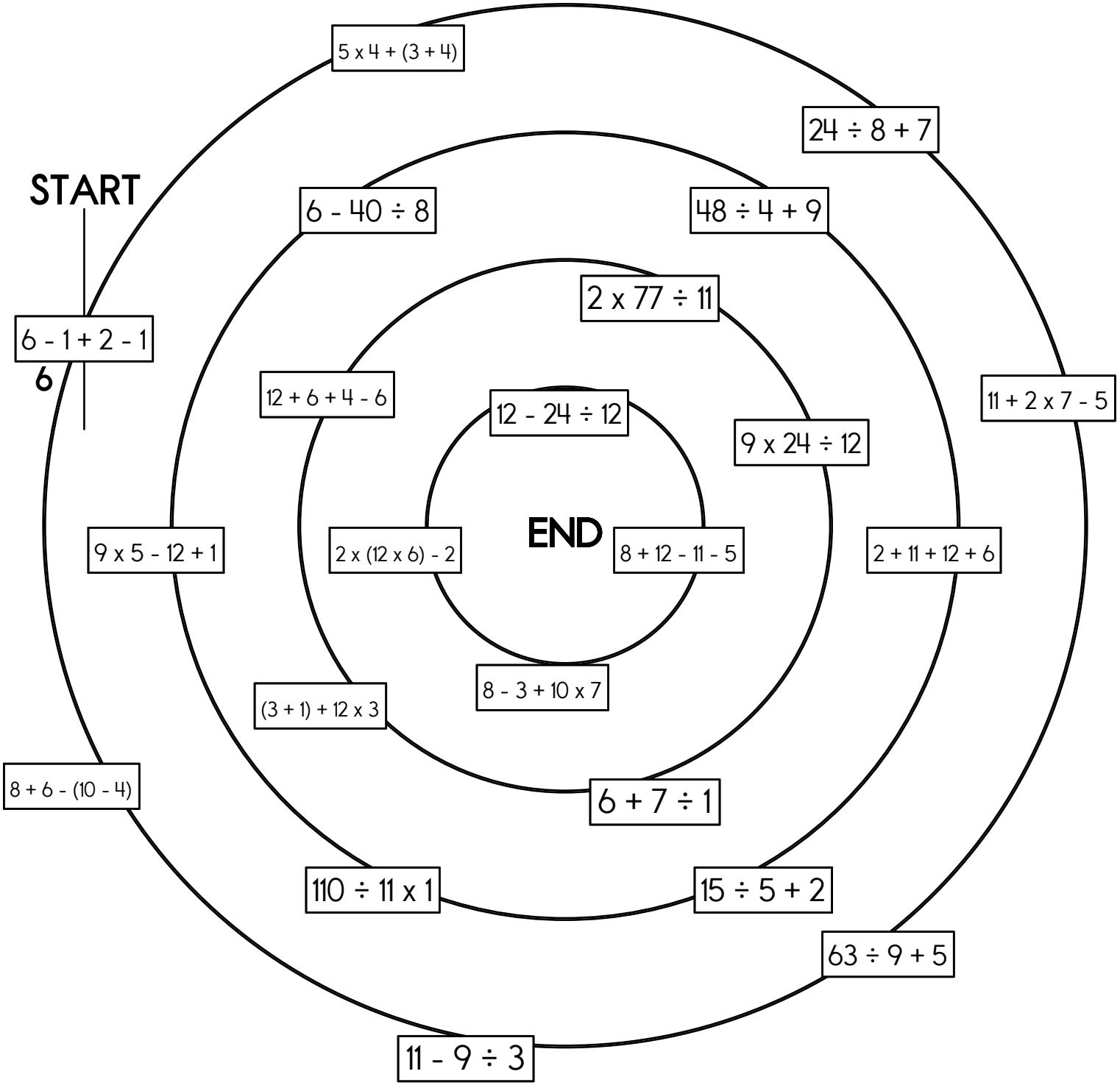
Name: _____

Draw a line from START to END.

4 ~~6~~ 18

1

Cross out the number you use above and then write it below.



Name: _____

Noah, Jennifer, Shelby, Jacob, James, and Kaitlyn each recycled a different number of cans (19, 16, 30, 18, 29, and 15), as well as a different number of junk mail letters (129, 138, 104, 131, 115, and 130).

Figure out how many cans and junk mail letters each person recycled.

1. Shelby recycled one hundred one more junk mail letters than the number of cans she recycled.
2. James recycled one hundred more junk mail letters than the number of cans he recycled.
3. Noah and Jacob recycled a total of three hundred two cans and junk mail letters.
4. Jennifer recycled the least number of junk mail letters.
5. Jacob recycled the least number of cans.
6. Jacob recycled a total of one hundred fifty-three cans and junk mail letters.
7. Noah recycled less than one hundred thirty-one junk mail letters.
8. Noah recycled more than fifteen cans.
9. If the number of cans Jennifer recycled was doubled, she would have recycled thirty-six cans.

Noah recycled _____ cans and _____ junk mail letters.

Jennifer recycled _____ cans and _____ junk mail letters.

Shelby recycled _____ cans and _____ junk mail letters.

Jacob recycled _____ cans and _____ junk mail letters.

James recycled _____ cans and _____ junk mail letters.

Kaitlyn recycled _____ cans and _____ junk mail letters.

Name: _____

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

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

Use a scrap piece of paper.

Mr. and Mrs. Moore donated $27.75 to the Red Cross every month last year. What was the total of their donations for the year?

David wanted to sleep for 12 ^1^2~ hours. He went to bed at 9:50 p.m. and woke up at 8:23 a.m. How much less than 12 ^1^2~ hours did he sleep?

Erin spends an average of 5.3 hours per week practicing her tap dance lessons. What is the average number of hours she spends practicing in a year?

Name: _____

Cross off the number that does NOT belong.

91, 70, 85, 62, 79, 54, 73, 46, 67, 38, 47, 61, 30, 55, 22

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

9, 90, 93, 94, 940, 944

Why does _____ not belong in the pattern?

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

___, ___, G, J, M, P, S, V, Y
B, E, H, K, ___, ___, T, W, ___

Complete each pattern. Write what the rule is. HINT: The first two numbers in each pattern are random numbers.

6, 8, 14, 22, 36, 58, 94, 152, 246, 398, 644, _____, _____, _____
11, 22, 33, 55, 88, 143, 231, 374, 605, 979, 1584, _____, _____, _____

Name: _____

Danielle, Jennifer, Sarah, and Emily competed in the women's singles figure skating competition.

Each person has been assigned a technical and presentation ordinal mark. A mark of 1.0 indicated that the person was placed in first place. To determine the winner, the two marks from each judge are added together and assigned an ordinal. In case of a tie, the technical mark has more weight. If there is still a tie, we will allow both people to share the same rank. (Please note that these calculations are simplified from the actual Olympics.)

For the technical ordinal score, the judges give the best performance an ordinal of one. The next best performance receives an ordinal of two, and so on. The presentation ordinal score is assigned in the same way. So for four people, a person could have a presentation ordinal score ranging from 1 to 4.

(When ordinals are compared, a higher ordinal score actually means a lower number. For example an ordinal of 1 is better, and considered higher than an ordinal of 3.)
Figure out the scores for each skater and their final rankings.

1. Jennifer's technical ordinal is equal to her presentation ordinal.
2. Sarah had the best technical ordinal score.
3. Jennifer's technical ordinal score was higher than Emily's and higher than Danielle's.
4. One skater received a 3 technical ordinal and a 3 presentation ordinal.
5. Danielle's technical ordinal score was higher than Emily's technical ordinal score.
6. Sarah did not have a presentation ordinal mark of 2.
7. One skater received a 1 presentation ordinal and a 4 technical ordinal.
8. Sarah's technical ordinal is higher than her presentation ordinal.

Danielle received a score of _____. Danielle came in _____ place.

Jennifer received a score of _____. Jennifer came in _____ place.

Sarah received a score of _____. Sarah came in _____ place.

Emily received a score of _____. Emily came in _____ place.

Name: _____

Sudoku Sums of 12

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 12.

Here is an example of a sudoku sum of 12: 6 6

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

6 - 4.4 =

19.7
- 6.11

Find the difference between 10.8 and 6.3.

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

_____, 14, 16, 18, 20, 22, 24, 26
14, 16, _____, _____, 22, 24, 26, 28, 30, _____
_____, 10, _____, _____, 16, 18, 20

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 1 = 1

2 , 2 = 4

3 , 3 = 9

4 , 4 = 16

Then

5 , 5 = ?

If

3 , 3 = 9

4 , 4 = 16

5 , 5 = 25

6 , 6 = 36

Then

7 , 7 = ?

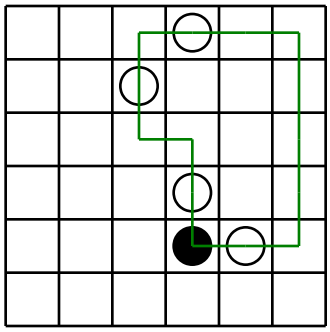
Name: _____

Abigail, Tyler, Kaitlyn, and Cody are competing in the Olympics. They are each from a different country (Brazil, Canada, Japan, and Austria), and they are also each competing in a different event (curling, downhill skiing, bobsled, and Nordic skiing).

Figure out the country each person is from and the event he or she is competing in. (Assume that each hint refers to one of the four people. For example, if Abigail has lunch with someone he met from another country, then assume that this person is among one of the four people).

1. The person from Austria and her friend invited the person from Japan to dinner. The person from Japan thought it was a great idea, and he gladly accepted.
2. The person competing in the curling event is from South America. This is his second time to represent his country at the games.
3. Though Cody has never been to Japan, he would like to visit.
4. The person competing in the Nordic skiing event is from Asia. This is his first time to represent his country at the games.
5. Kaitlyn had lunch with someone she met. The person she met is competing in the Nordic skiing event.
6. Though Abigail has never been to Canada, she would like to visit.
7. Abigail had lunch with someone she met. The person she met is competing in the curling event.
8. The person competing in the bobsled event is from North America. This is her third time to represent her country at the games.
9. The person from Brazil and his friend invited the person from Canada to dinner. The person from Canada thought it was a great idea, and she gladly accepted.

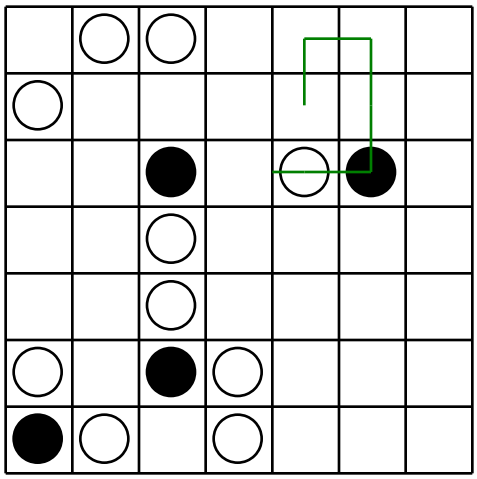
Name: _____



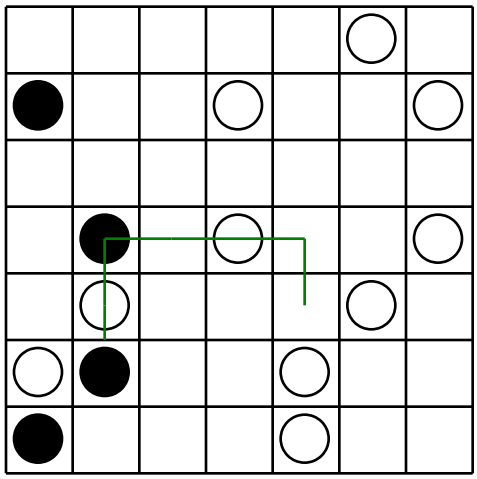
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

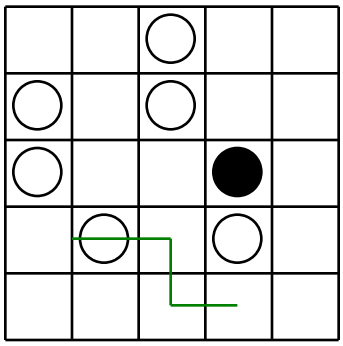
Finish the line:



Finish the line:



Finish the line:



Sarah is younger than Rose. Amanda is younger than Sarah. Amanda is younger than Rose. Who's the youngest?

84 ÷ 12 =

7 x 9 = _____

Can 320 be evenly divided by 5? Circle:
320 is evenly divisible by 5
320 is NOT evenly divisible by 5

395 + 325 = _____

What number is halfway between 12 and 22?

24 ÷ 3 = _____

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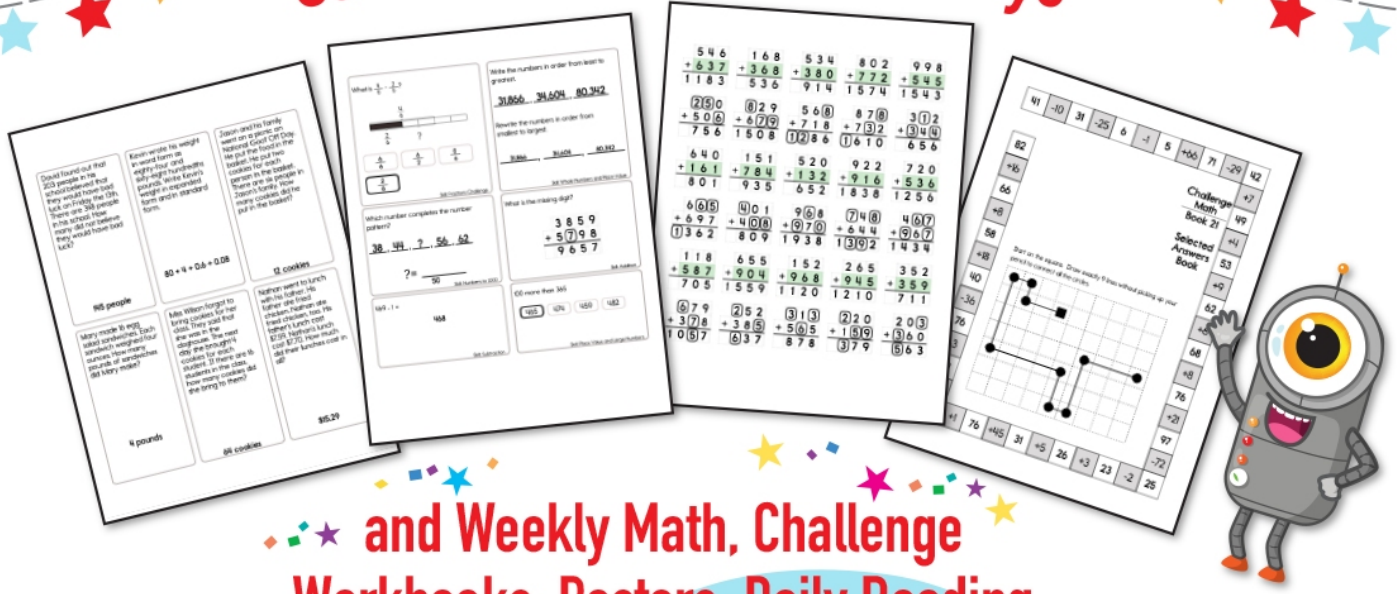

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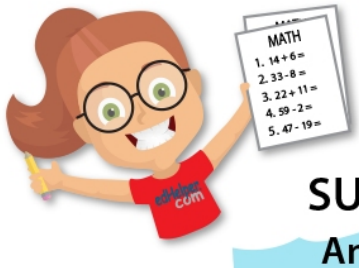

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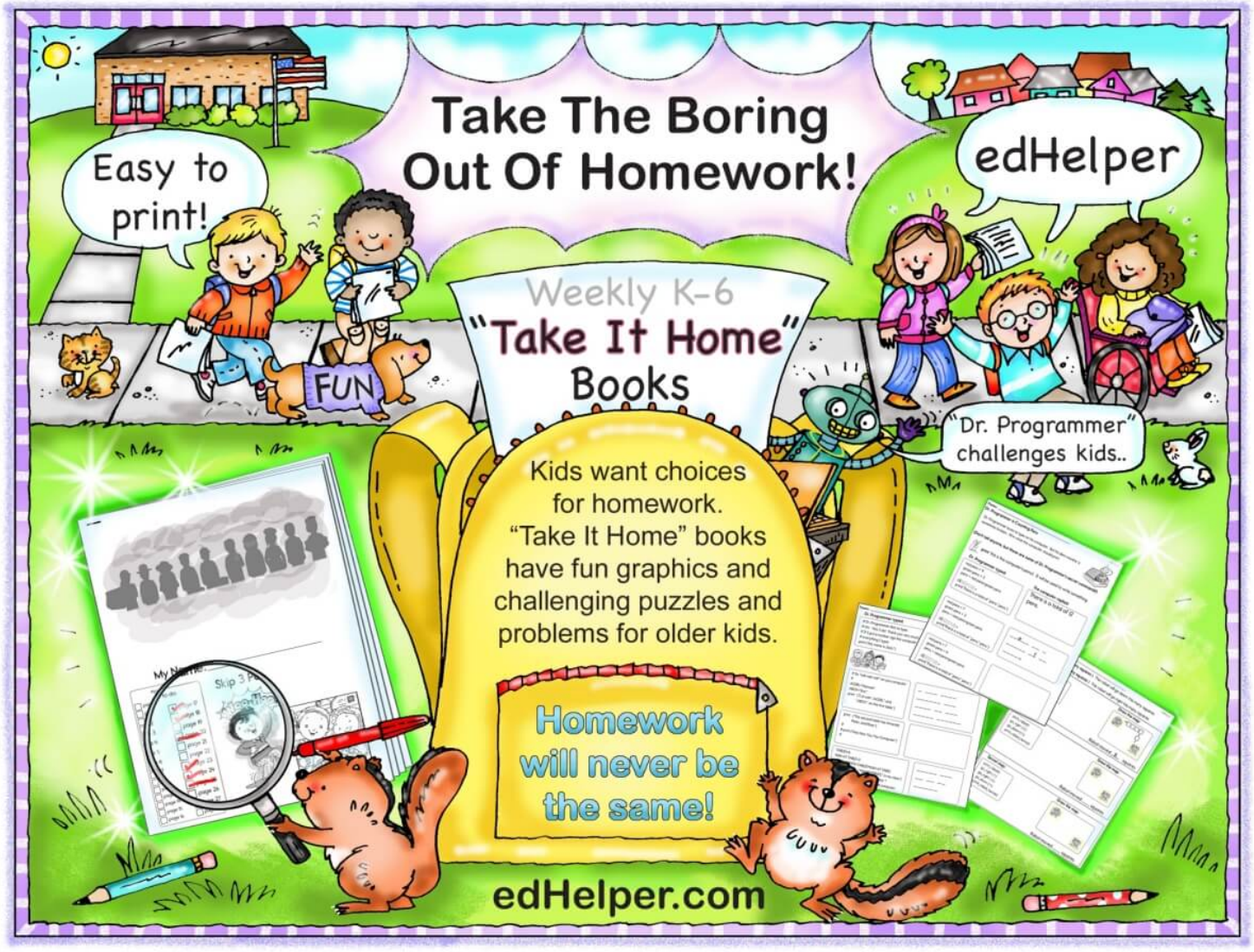
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