

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

77	+5				-46		+6		
		-62		+4				-1	
		+8		+24				+28	
				32					
+9		-7		-42				-2	
+3				-21		+32		+8	
-19		+63		+18		-60		-16	9

Rewrite the sentence correctly.  
the first time I saw paris, i felt as if I had come Home.

\_\_\_\_\_

\_\_\_\_\_

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

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

8, \_\_\_\_\_, 24, 32, 40, 48, 56, 64

64, 72, 80, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

32, 40, \_\_\_\_\_, \_\_\_\_\_, 64, 72, 80, 88, 96, \_\_\_\_\_

Complete each pattern. Write what the rule is.

72	66	60
54		42
36	30	
18		6

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

Rosa wrote about how to take care of your eyes. There were 18 paragraphs in the report. There were 3 paragraphs on each page. How many pages did Rosa write?

The students were building a model of a dragon for the school play. The model was 12  $\frac{1}{2}$  feet high. It was twice as long as it was high. How long was the dragon?

Maria is playing Half Court Quick Hoops at the local arcade. She may be playing way too much! She got her average up to 6 baskets in just 4 seconds. If she can keep up at that rate, how many baskets will she get in during the first round, which is 32 seconds?

Fill in the missing numbers.

$$\underline{\hspace{2cm}} \times 8 = 12 + 20$$

$$\underline{\hspace{2cm}} \times 12 = 16 + 44$$

$$\underline{\hspace{2cm}} \times 11 = 40 + 59$$

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

Kevin is taking a 24-hour walk challenge. He is trying to stay awake for 24 hours and plans to walk as far as he can. Each hour he plans to sit and rest for only 7 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?

\_\_\_\_\_ hours and \_\_\_\_\_ minutes

Write as a decimal.  
One hundred  
twenty-seven thousandths

Write as a decimal.

$$\frac{6}{100}$$

Write as a decimal.  
Five tenths

Write a 2-digit even  
number.

How many tens are in the  
number 70?

Write the number that is  
one thousand less than  
2,002.

Fill in the missing fraction.

$$\frac{2}{6} \quad , \quad \frac{3}{6} \quad , \quad \underline{\hspace{2cm}} \quad , \quad \frac{5}{6}$$

What are 48 hundreds equal  
to?

\_\_\_\_\_

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

Jack never spends the coins he gets. He has 39 dimes. But that's nothing! He has 3 times as many nickels as dimes. How much money does he have in all?

$$4 \times (5 + 9)$$

$$24 + \underline{\quad} + 24 = 62$$

$$72 \div 6 =$$

Circle the seven numbers whose sum equals 39.

9      6      10      2

5      10      3      6

3      10      4      4

Circle the better deal.

2 packs of Cool Squishies for \$5 (each Cool pack comes with 3 squishies)

3 packs of Wacko Squishies for \$5 (each Wacko pack comes with 3 squishies)

What is the sum of 10 and 577?

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

<p>Jenna went to the circus with her father and mother. The best part of the circus was the clown. He could juggle and make people laugh at the same time! The tickets cost \$7.74 each. How much did it cost for Jenna, her father, and her mother to go to the circus?</p>	<p>Sara is going to stay with her grandmother this summer. She will be there for 3 weeks. She packed all her clothes in a red suitcase. The suitcase has 4 sides. Two of the sides are 24 inches long. One side is 32 inches long. One side is 20 inches long. What is the perimeter of the suitcase?</p>	<p>Mrs. Rodriguez took her best friend out for breakfast. They could choose either apple juice or orange juice to drink. They could choose bacon, ham, or sausage to have with their eggs. Make a tree diagram to show how many different combinations they can have.</p>
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<p>Write the number for six thousand, two hundred three.</p> <p>_____</p>	$\begin{array}{r} 38 \\ + 17 \\ \hline \end{array}$	<p>How many days are in January?</p> <p>_____</p>
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<p>How many gallons are equal to 24 quarts?</p> <p>_____</p>	<p>Can you think of a five-letter word that has the vowel A in it?</p> <p>_____</p>	$\begin{array}{r} 10 \\ + 91 \\ \hline \end{array}$
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<p>List the first five multiples of 9.</p> <p>_____</p>	<p>What is the range of these numbers?</p> <p>28, 18, 18, 17, 16, 23, 28</p> <p>_____</p>
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Name: \_\_\_\_\_

Fill in the boxes so each line equals 16.

16		
<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px; text-align: center;">1</div> x <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>		
<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> - <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px; text-align: center;">3</div>		
<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> ÷ <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px; text-align: center;">1</div>		
( <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px; text-align: center;">7</div> + <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> )         + <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>		
<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> + <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> x <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px; text-align: center;">10</div>		

What is the ratio of boys to girls in your class?

Do you use A.M. or P.M. to write the time you eat dinner?

Share 36 equally among 4.

\_\_\_\_\_

Round the number to the place value of the BIG number.

1,798,317

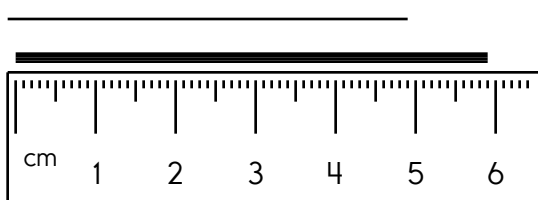
Add. Fill in the blanks.

+	1      8
8	<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div> 16
3	4 <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>

+	4 <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>
<div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>	7      4
7	11 <div style="border: 1px solid black; display: inline-block; width: 40px; height: 40px; line-height: 40px;"></div>

6
x 6

Write the length in centimeters.



The factors of 10 are      5      10

Write the number with 2 thousands and 4 hundreds.

\_\_\_\_\_

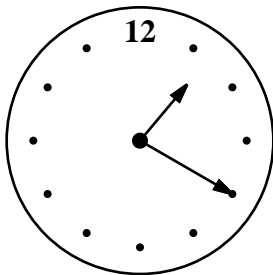

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4		6
---	--	---

7      3      6

$$\begin{array}{r} 31 \\ + 96 \\ \hline \end{array}$$



An analog clock face with a black border. The number 12 is at the top. There are dots for the other hours. The hour hand is between 10 and 11, and the minute hand is between 2 and 3. The time is 10:10.

**How long until the party?** \_\_\_\_\_

---

---

6	5	
---	---	--

1



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

$$\begin{array}{r} 52,618 \\ + 91,079 \\ \hline \end{array}$$

$$\begin{array}{r} 68,344 \\ - 15,701 \\ \hline \end{array}$$

$$\begin{array}{r} 76,755 \\ + 39,973 \\ \hline \end{array}$$

$$\begin{array}{r} 52,738 \\ - 31,890 \\ \hline \end{array}$$

$$\begin{array}{r} 33,381 \\ + 43,211 \\ \hline \end{array}$$

$$\begin{array}{r} 102,792 \\ - 73,858 \\ \hline \end{array}$$

$$\begin{array}{r} 179,100 \\ - 96,750 \\ \hline \end{array}$$

$$\begin{array}{r} 35,664 \\ + 42,110 \\ \hline \end{array}$$

$$\begin{array}{r} 65,945 \\ + 58,051 \\ \hline \end{array}$$

$$\begin{array}{r} 14,314 \\ + 81,608 \\ \hline \end{array}$$

$$\begin{array}{r} 90,381 \\ - 13,988 \\ \hline \end{array}$$

$$\begin{array}{r} 96,046 \\ - 10,414 \\ \hline \end{array}$$

$$\begin{array}{r} 157,573 \\ - 97,572 \\ \hline \end{array}$$

$$\begin{array}{r} 50,715 \\ + 75,843 \\ \hline \end{array}$$

$$\begin{array}{r} 138,069 \\ - 96,761 \\ \hline \end{array}$$

$$\begin{array}{r} 184,566 \\ - 97,044 \\ \hline \end{array}$$

$$\begin{array}{r} 20,769 \\ + 11,757 \\ \hline \end{array}$$

$$\begin{array}{r} 82,306 \\ + 15,913 \\ \hline \end{array}$$

$$\begin{array}{r} 58,948 \\ - 43,002 \\ \hline \end{array}$$

$$\begin{array}{r} 35,938 \\ + 39,231 \\ \hline \end{array}$$

$$\begin{array}{r} 128,857 \\ - 54,478 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + \square \\ \hline \end{array}$$

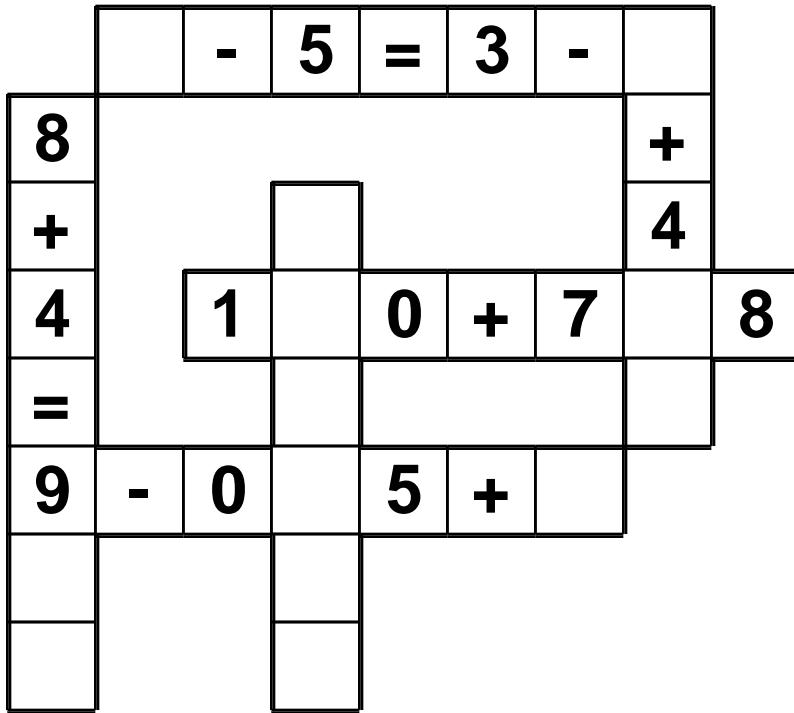
$$\begin{array}{r} 28 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 3 \\ \hline \square \\ - 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 6 \\ \hline 23 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + \square \\ \hline 40 \\ + 6 \\ \hline \square \end{array}$$

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



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4

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[illegible]

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$$22 + 23 =$$

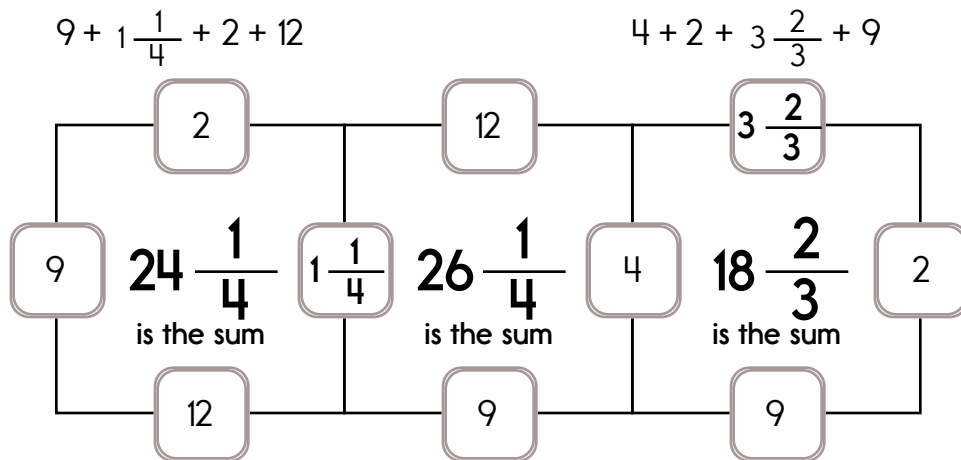
$$\begin{array}{r} 31 \\ 10 \\ + 47 \\ \hline \end{array}$$

**fraction, fractional, fracture**

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

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

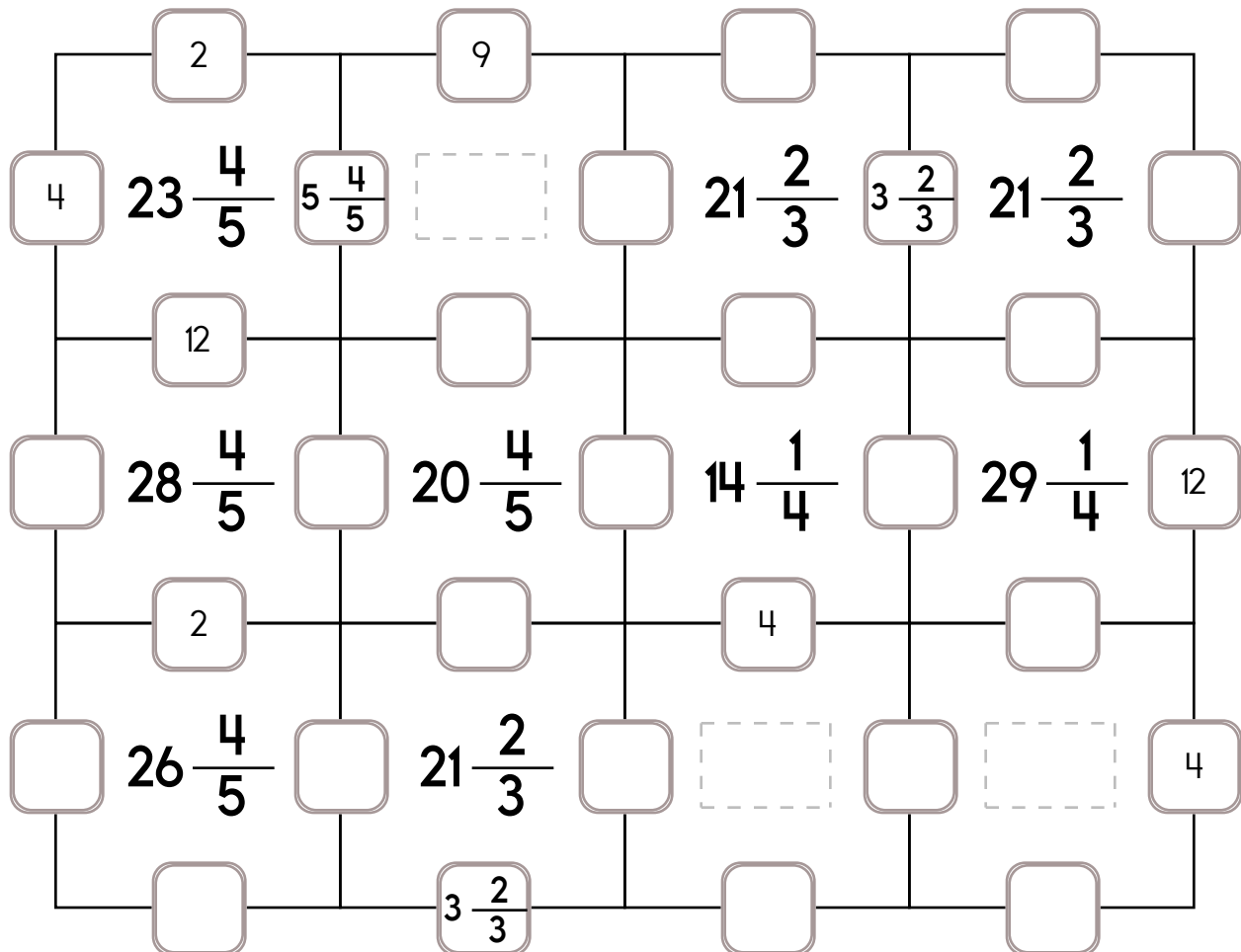
Sample:



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:  $5\frac{4}{5}$ ,  $3\frac{2}{3}$ , or  $1\frac{1}{4}$ .

The other three numbers have to all be DIFFERENT and must be from these: 12, 9, 2, 4, or 7.





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

Ms. Anderson owns a candy store. On Monday she made 120 pieces of fudge. She sold it for 37¢ per piece. At the end of the day there were 44 pieces left. How many pieces did she sell?

It is 300 feet from home plate to the fence at the baseball park. Max can hit the ball 231 feet. How much further does he have to hit the ball to reach the fence?

There were 24 children in the group. One-fourth of them drank chocolate milkshakes. How many children did not drink chocolate milkshakes?

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

Zachary, Noah, William, and Robert each have one brother (Thomas, Timothy, Kevin, and Dylan) and one sister (Natalie, Alexis, Mackenzie, and Samantha).

Who is each person's brother and sister?

1. Noah played with his brother Thomas outside.
2. William went to the mall with his sister, but not with his brother. Kevin and Timothy went with William as well.
3. William is younger than his sister Samantha.
4. Robert's sister and Alexis were talking on the phone. They are not in the same family.
5. Robert played with his brother Kevin outside.
6. Noah invited Natalie and Mackenzie over to his family's house for dinner.
7. Zachary is older than his sister Mackenzie.

Zachary's brother is \_\_\_\_\_ and Zachary's sister is \_\_\_\_\_.

Noah's brother is \_\_\_\_\_ and Noah's sister is \_\_\_\_\_.

William's brother is \_\_\_\_\_ and William's sister is \_\_\_\_\_.

Robert's brother is \_\_\_\_\_ and Robert's sister is \_\_\_\_\_.

Name the shape with six sides and six angles.

75, 80, \_\_\_\_\_, 90, 95,  
100

If you exchange 120 dimes for dollars, then how many dollars would you get?

B, G, L, \_\_\_\_\_, V

\_\_\_\_  $\div$  11 = 5

A book has 4 pages. Each page has 11 dimes. How many dimes in the book?

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

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

X, \_\_\_\_, \_\_\_\_, I, D

\_\_\_\_, \_\_\_\_, \_\_\_\_, J, E

Find the missing numbers.

If

$$1, 4 = 5$$

$$2, 6 = 8$$

$$3, 11 = 14$$

$$4, 16 = 20$$

Then

$$5, 21 = ?$$

If

$$8, 9 = 72$$

$$9, 12 = 108$$

$$10, 14 = 140$$

$$11, 18 = 198$$

Then

$$12, 23 = ?$$

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

Cross off the number that does NOT belong. Hint: Look at movement of digits!

214965, 652149, 149652, 496521, 965214, 652149, 521496, 214965,  
149652, 496521, 965214, 652149, 521496, 214965, 149652

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

19, 26, 33, 40, 42, 51, 62, 73, 86, 99, 114, 129, 146, 163, 182

Why does \_\_\_\_\_ not belong in the pattern?



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

### Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.  
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
---	---

5					
4	2			3	
	6			1	
			6		
			3		5
		4		6	

$$8 - 3 + 9$$

Write the least possible 5-digit number using only 4 different numbers.

There are 3 groups of 5 rocks. How many rocks?

Amy has 32 books. She organized them equally into 4 boxes. How many books in each box?

Connor earns \$22 an hour. He worked 6 hours. How much did he make?

Round 196 to the nearest ten.

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

Eric, Alexandra, Andrew, and Sean have one of the following jobs: teacher, cook, writer, and banker. Their salaries are \$27,300, \$37,700, \$34,300, and \$30,800. Figure out the salary and job for each person.

1. The banker does not earn \$27,300.
2. Eric is not a teacher or a cook.
3. The teacher earns \$27,300.
4. The cook earns \$37,700.
5. Andrew is not a banker or a teacher.
6. The writer earns more than the banker.
7. Eric is not a banker or a cook.
8. Sean is not a teacher or a writer.
9. The banker earns more than the teacher.
10. The cook earns more than the teacher.
11. The writer earns more than the teacher.
12. The cook earns more than the writer.

Alexandra is the \_\_\_\_\_ and has a salary of \_\_\_\_\_.

Sean is the \_\_\_\_\_ and has a salary of \_\_\_\_\_.

Eric is the \_\_\_\_\_ and has a salary of \_\_\_\_\_.

Andrew is the \_\_\_\_\_ and has a salary of \_\_\_\_\_.

What number is halfway  
between 23 and 27?

What is 15 less than 1,299?

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

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

What is the rule for each pattern?

24, 36, \_\_\_\_\_, \_\_\_\_\_, 48, 50, 60, 57, 72, 64, 84, 71, 96

39, 4, 50, 7, 61, \_\_\_\_\_, \_\_\_\_\_, 13, 83, 16, 94, 19, 105, 22

Complete each pattern. Write what the rule is.

8	16	32	64	128	256
9		225	1,125	5,625	28,125
3	21	147	1,029	7,203	
5		45	135		1,215

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

### Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.  
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:

3	5
---	---

3	6				
4			5		
					3
	5		6		
			2	4	
	4				

You need to add what to 56 to get 65?

$$12 \div 6 =$$

The number 53 is more than the number 6 by how much?

What is the sum of 9 and 38?

$$8 + 11 \times 8$$

You have a playdate in 60 minutes. How many hours is that?

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

Sydney, Elizabeth, Julia, and Shelby 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. Julia's technical ordinal score was lower than Shelby's and lower than Elizabeth's.
2. One skater received a 4 technical ordinal and a 2 presentation ordinal.
3. Elizabeth's technical ordinal score was higher than Shelby's technical ordinal score.
4. Sydney did not have a presentation ordinal mark of 1.
5. Sydney had the best technical ordinal score.
6. One skater received a 4 presentation ordinal and a 3 technical ordinal.
7. Sydney's technical ordinal is higher than her presentation ordinal.
8. Elizabeth's technical ordinal is lower than her presentation ordinal.

Sydney received a score of \_\_\_\_\_. Sydney came in \_\_\_\_\_ place.

Elizabeth received a score of \_\_\_\_\_. Elizabeth came in \_\_\_\_\_ place.

Julia received a score of \_\_\_\_\_. Julia came in \_\_\_\_\_ place.

Shelby received a score of \_\_\_\_\_. Shelby came in \_\_\_\_\_ place.

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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

9+ 1234	5+ 3	1234	4 4
1234	1234	13+ 1234	1234
2 2	4	3	1234
7+ 1234	2	1234	1234

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + 2 + \underline{\quad} = 7$$

$$3 + \underline{\quad} = 5$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 4 = 9$$

$$\underline{\quad} + 3 + \underline{\quad} + \underline{\quad} + \underline{\quad} = 13$$



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More puzzles!





