

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

Rose was curious about what day will be her teacher's birthday. Today is Friday, and it is the 54th day of school.

"My birthday will be celebrated in 43 school days. There are 5 days each week for school, and I counted 3 holidays when we will not have school. Anyone know on what day of the week will be my birthday?" asked Mrs. Thompson.

$12 \times 8 =$

$\_\_\_ \div 5 = 8$

$\text{triple } 42 =$

Write the number that is one thousand less than 6,303.

$3 + (1 + 3)$

Write the number that is one ten more than 2,340.

What is the meaning of the underlined expression?

Birds of a feather flock together.

\_\_\_\_\_

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The letters A, Q, and M each stand for a whole number. How many DIFFERENT values can you find for them?

$$M > Q$$

$$A > 7$$

$$M < 20$$

$$A + 7 = Q$$

What is the greatest common factor of 14 and 18?

What is the least common multiple of 14 and 10?

$$n + 4 = 19$$

How many total legs are on 10 owls?

Double the number 9 three times.

$$77 \div 7 =$$

$$9 \times 10 =$$

What is the homophone of this word?  
week  
\_\_\_\_\_

$$19 \text{ kg} = \text{_____ g}$$

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

$1 + 4 = \underline{\quad}$

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

$3 + 7 = \underline{\quad}$

$2 + 9 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$8 + 9 = \underline{\quad}$



How many times  
do you need to spin?

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

$5 + 4 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$9 + 1 = \underline{\quad}$

Spin fidget spinner. Quick!

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

$7 + 8 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

$40 \div 8 = \underline{\quad}$

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

$4 \times 8 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$8 + 4 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

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

$7 + 9 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$7 \times 9 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

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

$8 + 3 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

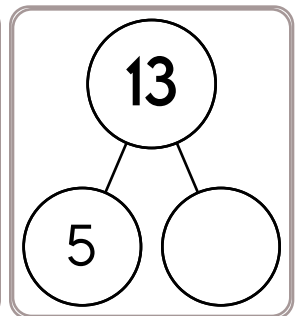
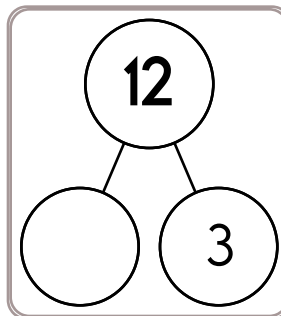
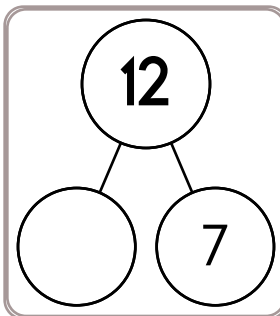
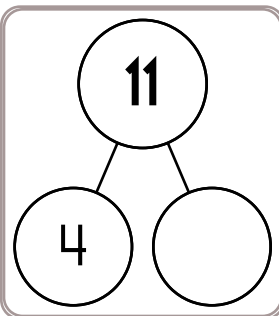
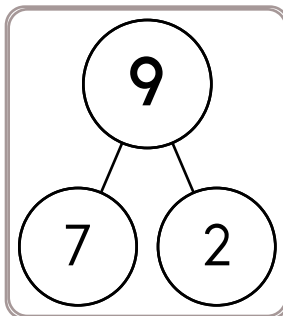
$7 \times 4 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$24 \div 6 = \underline{\quad}$

$7 + 4 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$



$34 + 3 = \underline{\quad}$

$79 + 3 = \underline{\quad}$

$19 + 5 = \underline{\quad}$

$53 + 8 = \underline{\quad}$

$43 + 5 = \underline{\quad}$

$24 + 8 = \underline{\quad}$

$63 + 9 = \underline{\quad}$

$28 + 3 = \underline{\quad}$

$67 + 5 = \underline{\quad}$

$19 + 3 = \underline{\quad}$

$37 + 8 = \underline{\quad}$

$53 + 4 = \underline{\quad}$

$45 + 7 = \underline{\quad}$

$75 + 6 = \underline{\quad}$

$16 + 3 = \underline{\quad}$

$57 + 4 = \underline{\quad}$

$38 + 6 = \underline{\quad}$

$25 + 9 = \underline{\quad}$

$73 + 8 = \underline{\quad}$

$48 + 5 = \underline{\quad}$

$36 + 4 = \underline{\quad}$

$64 + 6 = \underline{\quad}$

$79 + 6 = \underline{\quad}$

$26 + 3 = \underline{\quad}$

$54 + 7 = \underline{\quad}$

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

$7 + 9 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$9 + 1 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$6 + 1 = \underline{\quad}$



How many times  
do you need to spin?

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

$5 + 1 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

Spin fidget spinner. Quick!

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

$28 \div 4 = \underline{\quad}$

$6 + 4 = \underline{\quad}$

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

$5 - 4 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$3 \times 9 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$3 \times 7 = \underline{\quad}$

$8 + 6 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

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

$9 \div 3 = \underline{\quad}$

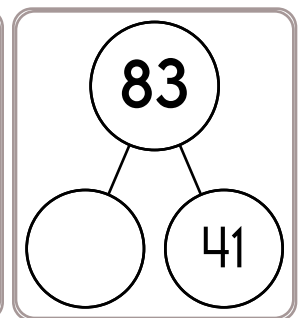
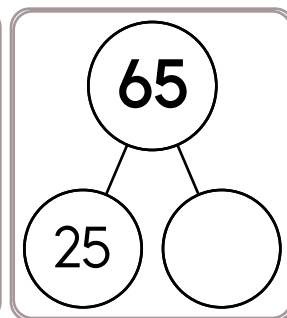
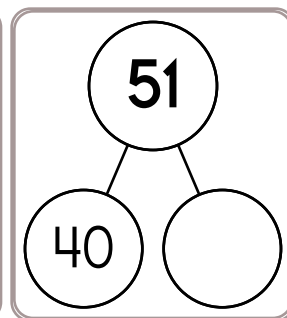
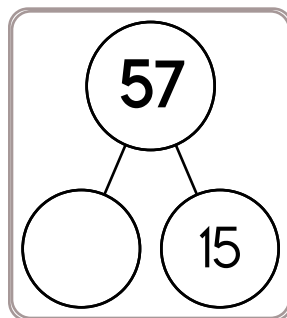
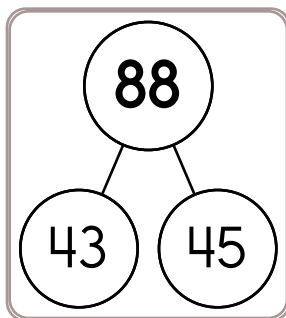
$3 + 3 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$8 - 5 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$6 \times 7 = \underline{\quad}$



$14 + 9 = \underline{\quad}$

$38 + 8 = \underline{\quad}$

$45 + 7 = \underline{\quad}$

$78 + 3 = \underline{\quad}$

$24 + 5 = \underline{\quad}$

$59 + 3 = \underline{\quad}$

$67 + 5 = \underline{\quad}$

$69 + 7 = \underline{\quad}$

$13 + 5 = \underline{\quad}$

$74 + 4 = \underline{\quad}$

$54 + 3 = \underline{\quad}$

$35 + 3 = \underline{\quad}$

$49 + 6 = \underline{\quad}$

$27 + 3 = \underline{\quad}$

$57 + 6 = \underline{\quad}$

$73 + 6 = \underline{\quad}$

$65 + 8 = \underline{\quad}$

$13 + 8 = \underline{\quad}$

$28 + 3 = \underline{\quad}$

$48 + 6 = \underline{\quad}$

$25 + 3 = \underline{\quad}$

$58 + 9 = \underline{\quad}$

$66 + 5 = \underline{\quad}$

$33 + 5 = \underline{\quad}$

$75 + 7 = \underline{\quad}$

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

<p>Mrs. Taylor took her two kids to lunch. Mrs. Taylor and her two kids each had the lunch combo meal with grilled cheese sandwiches, pasta salad, and tea. If the lunch combo meal was \$5.31 each, how much did Mrs. Taylor pay in total?</p>	<p>Anne baked an apple pie for her family for dinner. She cut the pie into eight pieces. Her father ate one-fourth of the pie, her mother ate one-eighth of the pie, her older brother ate three pieces of pie, and Anne ate the rest. How many pieces of pie did Anne eat?</p>	<p>Ms. Hall collects old radios. She found a box of tubes for old radios at the thrift shop yesterday. There were 15 tubes in the box. She paid 35¢ each for them. How much did she pay for all 15 tubes?</p>
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<p>How many kilograms are in 5,000 grams?</p> <p>_____ kilograms</p>	<p>Can 418 be evenly divided by 8? Circle:</p> <p>418 is evenly divisible by 8</p> <p>418 is NOT evenly divisible by 8</p>
<p>Cross out all of the prepositional phrases in the sentence.</p> <p>Sandy and Jen ate in the diner, drove to the movie, and talked through the night.</p>	

$\begin{array}{r} 36 \\ + 28 \\ \hline \end{array}$	$(7 + 4) + 2 =$	$10 \times 11 =$	$\begin{array}{r} 57 \\ - 27 \\ \hline \end{array}$
$\begin{array}{r} 218 \\ + 290 \\ \hline \end{array}$	<p>In the number 9,043,592, the digit 3 is in what place?</p> <p>_____</p>		

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

$\begin{array}{r} 493 \\ - 250 \\ \hline \end{array}$	<p>How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.</p>	<p>1 km = 1,000 m</p> <p>13 km = _____ m</p>
<p>Draw a shape that has between four and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	<p>For 1,293,077,542,515, write the digit that is in the hundred thousands place.</p> <p>_____</p>	<p>Mr. Wilson was in the doghouse. He forgot to bring a new book for Holly. He went back to the store to get the book. The trip took him 42 minutes. If he left at 5:21 p.m., what time did he get back?</p>
	<p>Can 297 be evenly divided by 11? Circle: 297 is evenly divisible by 11 297 is NOT evenly divisible by 11</p>	<p>Anna wants to call Amy. Amy is on vacation in Asia. It is a time difference of nine hours. Amy's time is always later than Anna's time. If it is 9:22 A.M. where Anna lives, then what time is it where Amy is?</p> <p>_____</p>

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

Sarah wants Erin to guess a two digit number. She tells Erin that her number has two different digits. The digits are 8 and 9. Erin thinks. She then guesses the number 98. What are the chances that Erin has guessed correctly?

Write the missing family fact.

$$\begin{aligned} 114 - 94 &= 20 \\ 20 + 94 &= 114 \\ 114 - 20 &= 94 \end{aligned}$$

Circle the correctly spelled words.  
govaner, governor  
issue, ishue  
lecture, lekshure

The principal of your school wants to buy twenty-two books. Each book costs \$6.93. She wants to estimate how much it will cost. Show her how you would estimate the cost:

Write a letter that has a line of symmetry.

Circle the greatest number:

891,320,526  
8,079  
494,675  
68,231,705

Which is the smallest?

$$26.5 \div 8.6 \quad 26.5 \div 8.5 \quad 26.5 \div 8.7$$

Write a letter that has two or more lines of symmetry.

Circle the addition property for  $75 + 105 = 105 + 75$ .

associative property  
commutative property

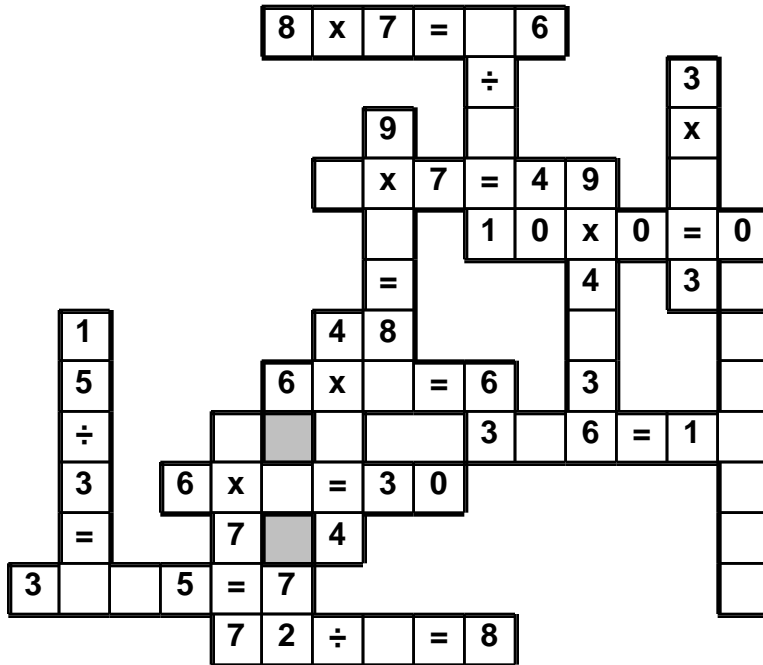
$$4 \times 3 =$$

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$$5 \cdot 5 \cdot 7 \cdot 1 \cdot 9 \cdot = \cdot 2 \cdot 1 \cdot x \cdot 1 \cdot 1 \cdot x \cdot 8 \cdot 5 \cdot = \cdot 1 \cdot 5$$

$$\div \cdot 6 \cdot 9$$

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



Anna is making up her own calendar. The first month of her weird calendar is called Jaffy. To make matters worse, she is giving Jaffy a total of twenty days. What is the greatest number of Thursdays that can occur during Jaffy? Show the month of Jaffy.

$$48 \div 4 =$$



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

The Netherlands, Austria, and Italy were awarded gold (7, 3, and 2), silver (7, 6, and 2), and bronze (6, 7, and 8) medals. Figure out how many of each type of medals were won by each of the three countries.

For example, country x may have won 7 gold, 2 silver, and 7 bronze medals. However, if country x won 7 gold medals, that means country z did not win 7 gold medals. Instead, country z may have won 3 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won seven silver medals. The same country also won seven gold medals.
2. Austria won either two or three gold medals.
3. the Netherlands won either three or seven gold medals.
4. Austria won the fewest bronze medals.
5. One country won an even number of bronze medals and two silver medals.
6. Austria won a total of sixteen medals.
7. Austria won fewer bronze medals than silver medals. Austria also won more bronze medals than gold medals.
8. Austria won three silver medals in speed skating as well as two silver medals in ski jumping.
9. the Netherlands won the most bronze medals.
10. Italy won either two or six silver medals.
11. the Netherlands won a total of seventeen medals.
12. Italy won more silver medals than gold medals. Italy also won fewer silver medals than bronze medals.

the Netherlands won \_\_\_\_\_ gold medal(s), \_\_\_\_\_ silver medal(s), and \_\_\_\_\_ bronze medal(s).

Austria won \_\_\_\_\_ gold medal(s), \_\_\_\_\_ silver medal(s), and \_\_\_\_\_ bronze medal(s).

Italy won \_\_\_\_\_ gold medal(s), \_\_\_\_\_ silver medal(s), and \_\_\_\_\_ bronze medal(s).

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Sara is 2 times as old as Jessica. In 5 years, the sum of their ages will be 25. How old is Sara?

Rose is 2 times as old as Ava. In 6 years, the sum of their ages will be 51. How old is Ava?

Mary is 2 times as old as Rosa. In 9 years, the sum of their ages will be 33. How old is Rosa?

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Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

sum of 7 →					sum of 8 ↓	sum of 10 ↓	sum of 9 ↓
		sum of 5 ↓		sum of 5 →			
	sum of 12 ↓		sum of 5 ↓	sum of 9 →			
sum of 7 ↓							
		sum of 5 ↓					sum of 9 ↓
				sum of 5 ↓	sum of 10 →	8	2
					sum of 4 →		
	sum of 7 →						

sum of 10 ↓	sum of 8 ↓		sum of 9 ↓	sum of 8 →			
	3	sum of 6 ↓		sum of 6 →			
	3			sum of 10 ↓	sum of 6 ↓		sum of 10 ↓
	2					sum of 9 ↓	
			sum of 9 ↓				
sum of 7 →							
	sum of 7 →						

Circle the smallest number:

9,301                      748,602,135  
1,467,184,652          5,907,283

Add the correct end punctuation for this sentence.

I am so excited that we are going on vacation to the mountains over Christmas

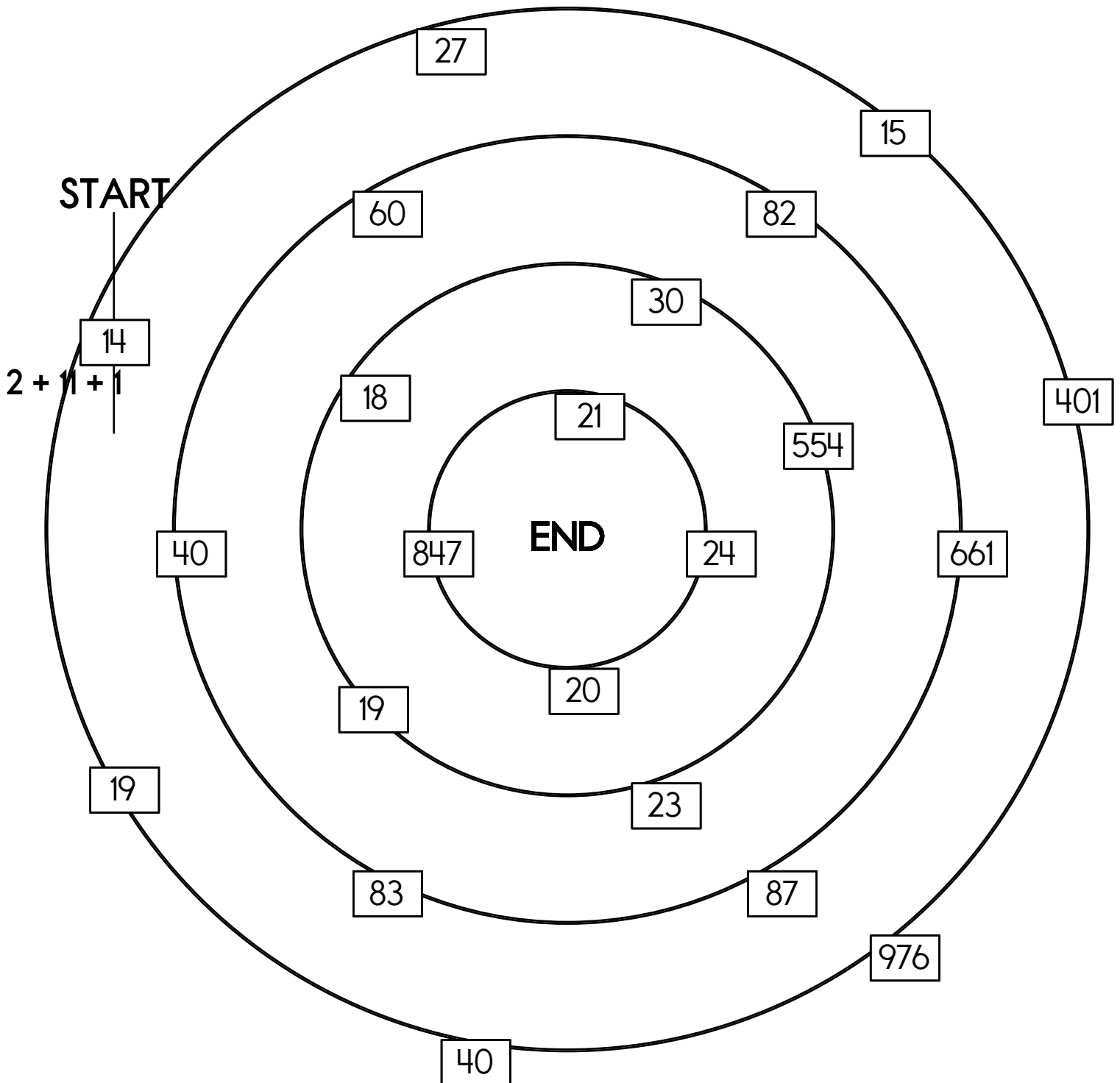
$$77 \div 11 =$$

Jenna will win if a random number pulled out of a box is a number divisible by 4. 22 pieces of paper, numbered 25 to 46, are put inside a box. What is the chance that Jenna will win?

Circle the conjunctions in the sentence. Explain their function in the sentence.

To make macaroni and cheese, first you boil the noodles, and then you add the cheese.

\_\_\_\_\_



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

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

4 1 2 3

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

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

1 3 4 2

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

Hint - These numbers are missing:

4 2 4 1 2 1 2 2 4

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

Hint - These numbers are missing:

2 1 1 4 3 3 4 2 4 3

Insert a comma in the appropriate place in this sentence.

Instead let's make chocolate cake for our teacher's birthday.

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

Fill in the missing numbers.

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

Hint - These numbers are missing:

2 2 1 4  
1 4 4

1		1	3
	3		
1	2		3
4			2
1		1	

Hint - These numbers are missing:

2 3 3 4 2  
4 1 4 2

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

Hint - These numbers are missing:

1 2 1 4 3  
2 4 4 2 3

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

Hint - These numbers are missing:

3 1 3 2 3  
2 2 4 1 1

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

Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

	sum of 7 ↓	sum of 5 →					
sum of 6 →				sum of 4 ↓		sum of 8 ↓	
sum of 5 →			sum of 9 →				
sum of 3 ↓					sum of 8 ↓		sum of 4 ↓
			sum of 5 ↓				
		sum of 5 ↓			sum of 10 ↓		
			sum of 7 →	2	4	1	
	sum of 3 →						

sum of 8 ↓	sum of 10 →				sum of 6 →		
		sum of 8 ↓	sum of 4 ↓	sum of 5 ↓			sum of 7 ↓
	sum of 7 →				sum of 5 ↓	sum of 8 ↓	
	sum of 3 →			sum of 5 →			sum of 5 ↓
sum of 3 ↓	sum of 6 ↓	sum of 4 ↓		sum of 9 ↓			
				sum of 3 →	1	2	

$$44 \div 11 =$$

Ava was given five numbers: 6, 3, 4, 1, and 5. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?

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

seven hundred eleven thousand, one  
hundred fourteen

How many digits are in the  
number of days in the  
current month?

\_\_\_\_\_



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