

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

The digits in a 4-digit number add up to 7. The tens digit is 4. Can you name the number?  
Is there only one possible answer?

Erin likes to draw triangles, but isosceles triangles are her favorite.

"They are so cool," she explains. "They have two equal sides and two equal angles. After I draw the triangle, I write the angle that is the same. Can you guess the third angle?"

She drew a red triangle and wrote  $41^\circ$ . She drew a green triangle and wrote  $36^\circ$ . She drew a purple triangle and wrote  $57^\circ$ . What is the third angle for each of her triangles?

Emily works at the garden center. She counts the petals on each tree. The tree she is currently looking at has 3 petals for each flower. She counts 4 flowers on the first branch, 11 flowers on the second branch, and 5 flowers on the third branch. How many petals does this tree have?

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

Paul started working on homework at 2:45 and finished the assignment at 3:30. How long did Paul work on homework?

- A) 45 minutes
- B) 46 minutes
- C) 53 minutes

7 hundreds and 6 ten thousands =

- A) 70600
- B) 60700
- C) 607
- D) 706

Estimate.  $52 + 14 =$

- A) 20
- B) 90
- C) 40
- D) 60

Which of the following numbers is an even number and also can be divided by 5?

- A) 25
- B) 30
- C) 43
- D) 48

What should replace the \_\_\_\_\_ to make the following sentence true?

$$20 + 15 = 5 \text{ _____ } 7$$

- A) +
- B) x
- C) -

Samantha is driving to meet her friend at the coffee house. She looked at her watch and saw it was 4:47. If she is supposed to meet her friend at 5:28, how much time does she have?

- A) 39 minutes
- B) 19 minutes
- C) 16 minutes
- D) 41 minutes

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

Cross off the number that does NOT belong.

23, 4, 30, 16, 37, 28, 44, 43, 40, 51, 52, 58, 64, 65, 76

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

Cross off the number that does NOT belong.

19, 27, 35, 44, 53, 55, 63, 73, 84, 95, 107, 119, 132, 145, 159, 173, 188

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

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

Max did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have \$3 worth of dimes?

Mrs. Smith has a black cat. He is black all over. She said he doesn't have one white hair on his body! Yesterday he got sick. Mrs. Smith took him to the animal hospital for some medicine. It cost \$38.93. Mrs. Smith gave the doctor a \$50 bill. How much change did she get?

The students in Ms. White's class were planning to decorate white t-shirts with fabric paint on White T-Shirt Day. Amanda's mother went to the store and bought a new white t-shirt for her. The t-shirt cost \$5.44. She gave the clerk \$9. How much change did she get?

There are seven cars parked in a row exactly the same distance from each other. The first car is 30 inches from the second car. The first car is 60 inches from the third car. How far is the third car from the sixth car?

\_\_\_\_\_

Expand the number.

$$3,916 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

Correctly insert quotation marks into the sentence.

Should I wear a green or purple shirt? he asked.

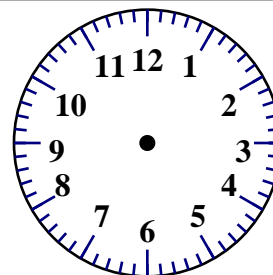


Write the shaded part as a decimal.



\_\_\_\_\_

02:30



Do parallel lines intersect?

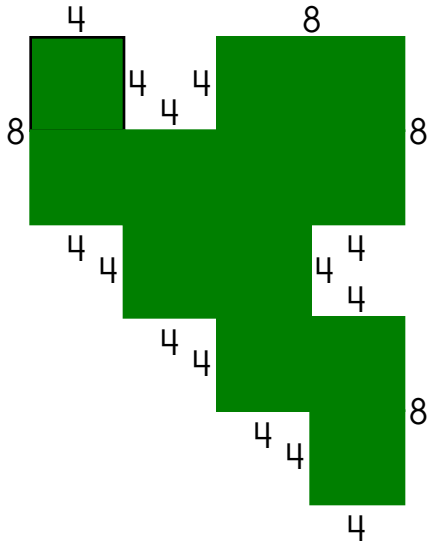
\_\_\_\_\_

What is the second month with 30 days?

\_\_\_\_\_

$$\begin{array}{r} 96 \\ - 83 \\ \hline \end{array}$$

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

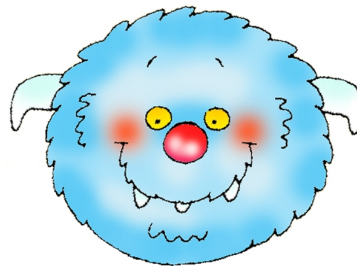


The perimeter is \_\_\_\_\_.

How many gallons are equal to 12 quarts?

\_\_\_\_\_

$$\begin{array}{r} 98 \\ - 65 \\ \hline \end{array}$$



If  $a = 13$ , then what does  $a - 2$  equal?

\_\_\_\_\_

The factors of 15 are 1 \_\_\_\_\_ 5 \_\_\_\_\_

How do you know if a number is divisible by 9? Use this trick.

$$9,565,659 \quad \underline{9} + \underline{5} + \underline{6} + \underline{5} + \underline{6} + \underline{5} + \underline{9} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \underline{\phantom{00}} \quad \text{Is that a multiple of 9? Circle: Yes No}$$

Circle one: 9,565,659 is divisible by nine      9,565,659 is not divisible by nine

$$6,673,437 \quad \underline{\phantom{00}} + \underline{\phantom{00}} + \underline{\phantom{00}} + \underline{\phantom{00}} + \underline{\phantom{00}} + \underline{\phantom{00}} + \underline{\phantom{00}} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \underline{\phantom{00}} \quad \text{Is that a multiple of 9? Circle: Yes No}$$

Circle one: 6,673,437 is divisible by nine      6,673,437 is not divisible by nine

What is the value of the BIG digit?

**1**4,888,860

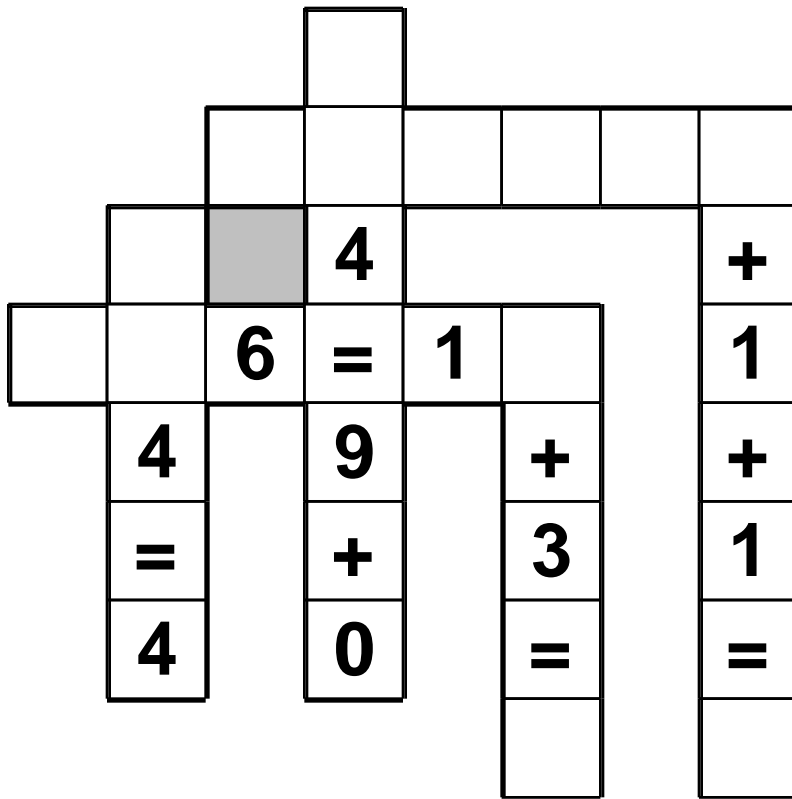
\_\_\_\_\_

Circle the odd numbers.

74	82	47	63
64	23	67	27
124	142	81	56

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

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



**mobilize, immobile**

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

$$\begin{array}{r} 12,399 \\ - 9,608 \\ \hline \end{array}$$

$$\begin{array}{r} 14,964 \\ - 8,145 \\ \hline \end{array}$$

$$\begin{array}{r} 4,512 \\ + 8,227 \\ \hline \end{array}$$

$$\begin{array}{r} 4,297 \\ + 3,179 \\ \hline \end{array}$$

$$\begin{array}{r} 10,654 \\ - 2,674 \\ \hline \end{array}$$

$$\begin{array}{r} 8,302 \\ + 3,363 \\ \hline \end{array}$$

$$\begin{array}{r} 15,030 \\ - 9,778 \\ \hline \end{array}$$

$$\begin{array}{r} 6,888 \\ + 9,285 \\ \hline \end{array}$$

$$\begin{array}{r} 1,146 \\ + 5,600 \\ \hline \end{array}$$

$$\begin{array}{r} 5,522 \\ - 1,945 \\ \hline \end{array}$$

$$\begin{array}{r} 8,769 \\ + 7,325 \\ \hline \end{array}$$

$$\begin{array}{r} 11,792 \\ - 7,741 \\ \hline \end{array}$$

$$\begin{array}{r} 3,185 \\ + 3,320 \\ \hline \end{array}$$

$$\begin{array}{r} 9,236 \\ + 1,054 \\ \hline \end{array}$$

$$\begin{array}{r} 5,189 \\ + 6,097 \\ \hline \end{array}$$

$$\begin{array}{r} 9,885 \\ - 2,919 \\ \hline \end{array}$$

$$\begin{array}{r} 13,915 \\ - 6,094 \\ \hline \end{array}$$

$$\begin{array}{r} 4,327 \\ - 2,549 \\ \hline \end{array}$$

$$\begin{array}{r} 6,491 \\ + 5,877 \\ \hline \end{array}$$

$$\begin{array}{r} 7,432 \\ + 3,701 \\ \hline \end{array}$$

$$\begin{array}{r} 10,190 \\ - 3,620 \\ \hline \end{array}$$

$$\begin{array}{r} 12,647 \\ - 7,016 \\ \hline \end{array}$$

$$\begin{array}{r} 7,489 \\ + 8,235 \\ \hline \end{array}$$

$$\begin{array}{r} 14,103 \\ - 9,246 \\ \hline \end{array}$$

$$\begin{array}{r} 9,150 \\ + 1,215 \\ \hline \end{array}$$

$$\begin{array}{r} 3,089 \\ + 2,369 \\ \hline \end{array}$$

$$\begin{array}{r} 11,205 \\ - 8,581 \\ \hline \end{array}$$

$$\begin{array}{r} 1,650 \\ + 9,309 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 22 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 29 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + \square \\ \hline \end{array}$$

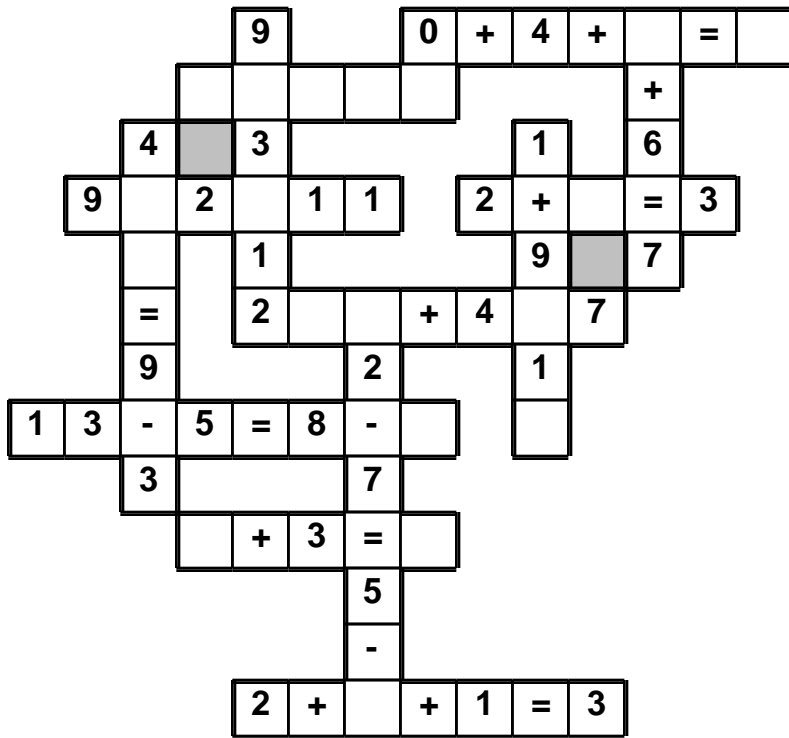
$$\begin{array}{r} 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 4 \\ \hline \square \end{array}$$

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

1 • 5 • 2 • + • 5 • = • 7 • + • = • 1 • 2 • + • 1 • = • 0 • 0  
4 • 7 • 0

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



Write 523 in expanded notation.

\_\_\_\_\_

What are 10 equal to?

\_\_\_\_\_

$$\begin{array}{r} 55 \\ + 74 \\ \hline \end{array}$$



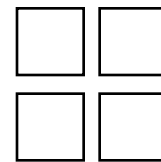
Fill in the missing fraction.

$\frac{3}{7}$  , \_\_\_\_\_ ,  $\frac{5}{7}$  ,  $\frac{6}{7}$

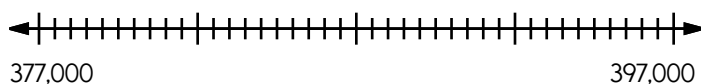
What are 38 tens equal to?

\_\_\_\_\_

Color in  $\frac{1}{2}$ .



Locate where to put the number 392,000 and label the point F.



What place value does the 1 have in 16,943?

\_\_\_\_\_



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

Anna needs to buy water for the cafeteria.

"Can you please pick up 36 quarts of water?" asked the principal.

When Anna got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Amy is buying candy mixes for goodie bags. Each fun mix packet weighs 4 ounces. She purchased 4 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Is 45 a composite or a prime number?

What is 15 less than 999?

13, 15, 17, 19, \_\_\_\_\_, 23,  
25, 27

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

Write the number in words.

1,098 one thousand, ninety-eight

7,540 \_\_\_\_\_

5,762 \_\_\_\_\_

**WHAT GOES UP AND DOWN BUT NEVER MOVES?**

$$\begin{array}{r} 88 \\ + 43 \\ \hline \end{array}$$

47   71   72   18   9   47

\_\_\_\_, 76, 80, 84

**A**

sum of 38 and 9

**S**

2 less than 73

**T**

eighteen

**I**

14 + \_\_\_\_ = 23

**R**

Write the number that is nine less than:

624 \_\_\_\_\_

815 \_\_\_\_\_

52,709 \_\_\_\_\_

21,616 \_\_\_\_\_

93,150 \_\_\_\_\_

80,202 \_\_\_\_\_

How many hours are in one day?

\_\_\_\_\_

Write a fraction to represent what is shaded.



\_\_\_\_\_

Circle the smallest number.

838      800      568

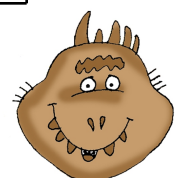
847      856      573

Write the correct symbol.

<      =      >

6,482      ○      6,482

$$\begin{array}{r} 34 \\ + 87 \\ \hline \end{array}$$



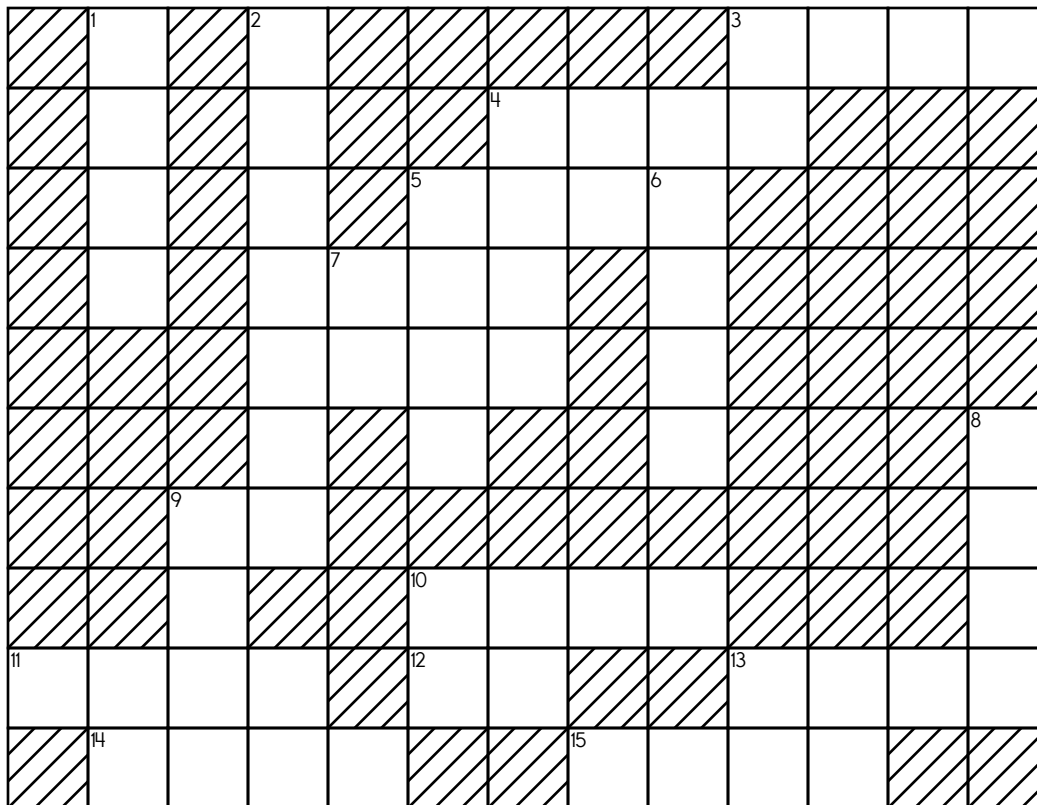
Name: \_\_\_\_\_

### ACROSS

3. the thousands in 1-Down + the ones in 5-Down + the tens in 12-Across
4. the tens in 5-Across + the ones in 14-Across + the thousands in 4-Down + the hundreds in 6-Down
5. the tens in 12-Across + the ones in 7-Down + the thousands in 5-Down
10. the thousands in 9-Down + the ones in 13-Across + the hundreds in 5-Down
11. the hundreds in 15-Across + the ones in 5-Down + the thousands in 9-Down + the tens in 14-Across
12.  $4 + 17$
13. the ones in 15-Across + the thousands in 5-Across + the hundreds in 8-Down
14. the tens in 3-Across + the ones in 5-Across + the thousands in 4-Down
15. the tens in 5-Across + the ones in 7-Down + the hundreds in 8-Down + the thousands in 5-Down

### DOWN

1. the hundreds in 5-Down + the tens in 8-Down + the ones in 13-Across + the thousands in 5-Across
2. **one million, three hundred seventy-four thousand, seven hundred fifty-seven**
4. the ones in 8-Down + the tens in 12-Across + the thousands in 5-Across
5. five thousand, eight hundred eight
6. the hundreds in 13-Across + the ones in 4-Down + the tens in 12-Across + the thousands in 5-Across
7.  $4 + 11$
8. the hundreds in 5-Down + the ones in 7-Down + the thousands in 5-Across + the tens in 12-Across
9. the tens in 8-Down + the hundreds in 1-Down + the thousands in 13-Across







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

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

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

Each row, column, and box must have 4 different pictures.

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

### Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

4	5
---	---

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

The number 62 is more than the number 7 by how much?

$$12 \times 5 =$$

Write the number that is one ten more than 3,762.

Wendy has \$58. She wants to buy something that costs \$96. How much more does she need?

Write a 2-digit odd number.

Round 558 to the nearest hundred.

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

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

					6
6	1		5	3	
		2		1	
	4				3
3				2	

change • kettle • arrest • descend • refine • calculator

Each row, column, and box must have all the words from the word list. Write in the missing words.

			descend		
	arrest				
				kettle	
		descend	change	refine	
change		kettle		descend	arrest
					change

Name \_\_\_\_\_



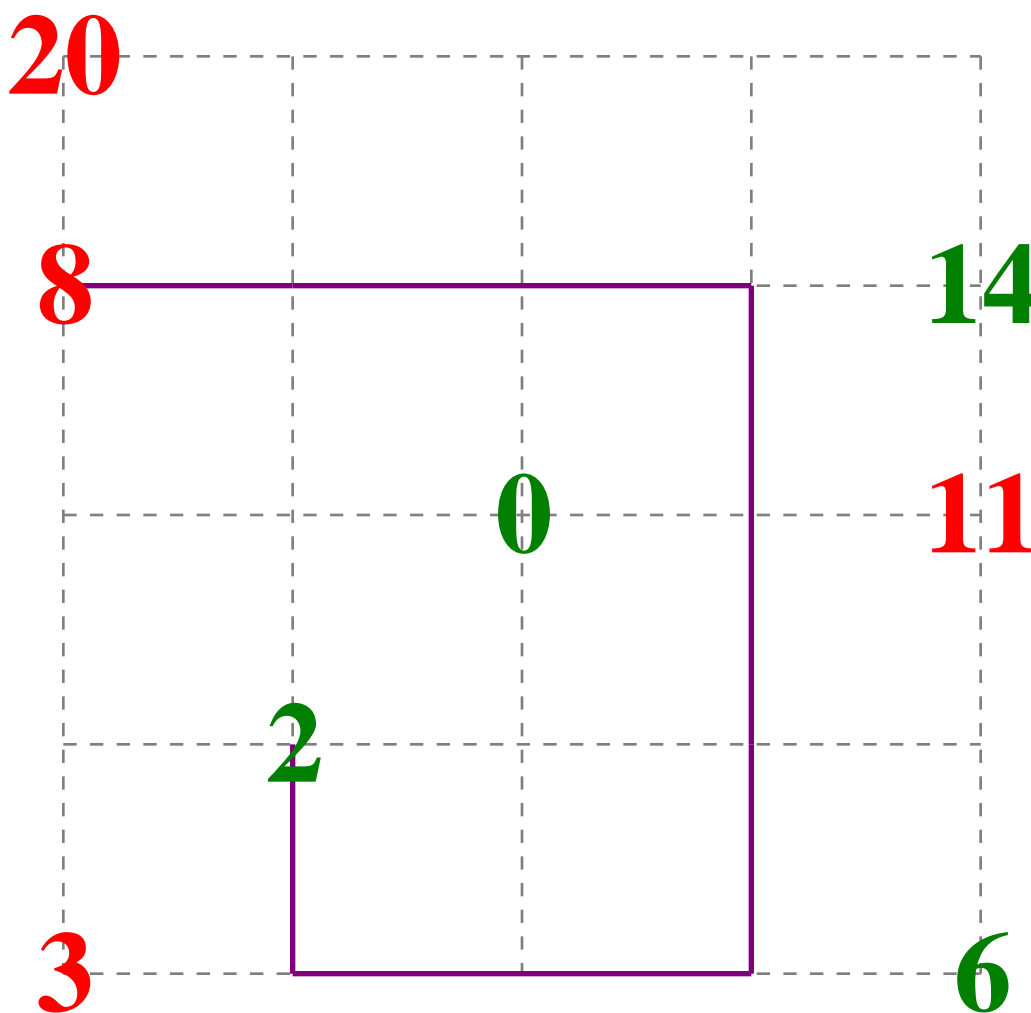
Date \_\_\_\_\_

# Greater and Less Than Number Kissing

Start at a green number and draw a line to any red number that is greater than the green number.

Draw a line that connects one number to one other number to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a number, that number cannot be used again.

One complete line has already been drawn for you.





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