

Name: _____

Hunter has saved 4 dimes and 8 nickels to buy a notebook. What fraction of a dollar has he saved?

Flora and Flopsy, the two rabbits, sat at the counter and ate carrot ice cream cones. The counter is 20 inches long and 5 inches wide. What is the area of the counter?

The wildlife researcher estimated that there were approximately 107 small mammals in each acre of the forest. Approximately how many small mammals would be in a forest of 105.5 acres?

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 7 in your head

subtract 4

multiply 10

Write the tens digit.

_____ **A**

imagine 2 in your head

multiply 10

double it

add 4

Write the tens digit.

_____ **B**

imagine 4 in your head

add 3

add 4

add 9

Add the tens digit to the ones digit.
Write the sum.

_____ **C**

imagine 7 in your head

add 1

add 9

subtract 9

double it

subtract 8

Write the number.

_____ **D**

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ **n** _____ **t** _____ **e** _____

5 before 18 _____

9 after 15 _____

4 before 16 _____

8 before 15 _____

3 after 14 _____

3 before 13 _____

2 before 11 _____

5 after 11 _____

7 before 17 _____

Name: _____

Lunches in the Midvale Elementary School cafeteria cost \$5.45 each. If 424 students bought their lunches on the first day of school, how much money was paid for lunches in all?

Adam made 4 quarts of fresh strawberry ice cream. He even churned it by hand! How many cups of ice cream did he make?

Pumpkins are on sale for \$1.46 per pound. Justin bought a 2-pound pumpkin. Adam bought a 7-pound pumpkin. How much more did Adam pay?

Robert never spends the coins he gets. He has 22 dimes. But that's nothing! He has 3 times as many nickels as dimes. How much money does he have in all?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Not Exact

Estimate - With a Good Guess

$$23 \div 4 \approx \underline{6}$$

$$> \underline{5} \quad < \underline{6}$$

$$42 \div 12 \approx \underline{3}$$

$$> \underline{3} \quad < \underline{4}$$

$$85 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$37 \div 6 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$57 \div 7 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$45 \div 11 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$31 \div 4 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$17 \div 5 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$14 \div 3 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$67 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$69 \div 7 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$67 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$33 \div 6 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$64 \div 10 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$90 \div 11 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$19 \div 3 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$59 \div 10 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$79 \div 8 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$37 \div 5 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$11 \div 3 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$29 \div 6 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$39 \div 7 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$76 \div 9 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

$$34 \div 5 \approx \underline{\quad}$$

$$> \underline{\quad} \quad < \underline{\quad}$$

Name: _____

There were 30 tumbleweeds in the pasture. Max's father asked him to move them out of the pasture because they scared the cattle. Max moved a third of them before lunch. After lunch, he threw the rest of them in a pile and burned them. How many tumbleweeds did Max burn?

Eric said that he had more books than anyone in his class. Justin said that he had more books. Jacob said that he had even more books. Justin has 19 books. Eric has 2 more books than Justin. Jacob has 5 fewer books than Eric. How many books does Jacob have?

Mr. Hall brought 24 cookies to school. Three children ate 3 cookies each. Mr. Hall made a wild guess that he had 14 cookies left. How many cookies did he really have left?

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

		1	2	6	
T	R	I	M		

3

1		2	4	8	12	18
	U					

--

	1	2		
P	I			

--

	1	2	4	8	14	20
S	T					

--

Make a Word

Sum

	1	2		
R	I			

--

1		2	4	8	12	18	24
	A						

--

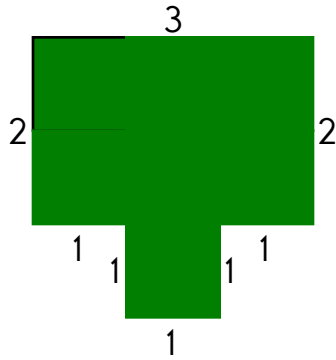
	1	2	4	6	10	16
E	N					

--

	1	2	6	10	16
C	A				

--

Name: _____



The perimeter is _____.

$$3 \overline{)15}$$

$$8 \overline{)64}$$

There were 40 dictionaries on the shelf. Mrs. Young gave 27 to his students. How many were left on the shelf?

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

$$87,901,713 \quad \underline{8} + \underline{7} + \underline{9} + \underline{0} + \underline{1} + \underline{7} + \underline{1} + \underline{3} = \boxed{} \boxed{}$$

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

Circle one: 87,901,713 is divisible by nine 87,901,713 is not divisible by nine

$$631,026 \quad \underline{} + \underline{} + \underline{} + \underline{} + \underline{} + \underline{} = \boxed{} \boxed{}$$

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

Circle one: 631,026 is divisible by nine 631,026 is not divisible by nine

Make a pattern.

Start with 38.

Subtract 4.

_____, _____, _____, _____, _____, _____

Write the fraction for 0.42.

What is the first month with 31 days?

Circle the words that are spelled correctly.

queit

foreign

brief

thier

receive

decieve

Name: _____

<p>Holly and Anne ran a race. Holly came in fortieth place. Anne was one runners after Holly. Write the ordinal number for the place that Anne came in.</p> <p>_____</p>	<p>You ask Maria for the time. She says it is three minutes past nine. Write the time on your digital clock:</p> <div style="border: 1px solid black; border-radius: 15px; width: 100px; height: 40px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> : </div>
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<p>If $k = 11$, then what does $k - 4$ equal?</p> <p>_____</p>	<p>Add. Fill in the blanks.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px; text-align: center;">+</td> <td style="padding: 5px; text-align: center;">1</td> <td style="padding: 5px; text-align: center;">6</td> <td style="padding: 5px; text-align: center;">4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px; text-align: center;">3</td> <td style="padding: 5px; text-align: center;">4</td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> <td style="padding: 5px; text-align: center;">7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px; text-align: center;">7</td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> <td style="padding: 5px; text-align: center;">13</td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> </tr> </table>	+	1	6	4	3	4		7	7		13	
+	1	6	4										
3	4		7										
7		13											

<p>Write a fraction to represent what is shaded.</p> <div style="border: 1px solid black; width: 100px; height: 40px; margin: 10px auto; display: flex; flex-wrap: wrap;"> <div style="width: 50%; height: 20px; background-color: #cccccc;"></div> <div style="width: 50%; height: 20px; background-color: #cccccc;"></div> <div style="width: 50%; height: 20px; background-color: #cccccc;"></div> <div style="width: 50%; height: 20px; background-color: #cccccc;"></div> </div> <p>_____</p>	<p>If twenty-four crayons are divided into twelve equal rows, how many crayons are in each row?</p> <p>_____</p>
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<p>Fill in the blanks with these numbers: 2, 8, 6</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">5</td> <td style="width: 20%; border: 1px solid black; height: 30px;"></td> </tr> <tr> <td style="text-align: center;">-</td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> </tr> </table>		5		-				3	2	<p>Fill in the blanks with these numbers: 2, 1, 3</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">4</td> <td style="width: 20%; text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">-</td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> <td style="text-align: center;">7</td> </tr> <tr> <td></td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> <td style="border: 1px solid black; width: 50px; height: 30px;"></td> </tr> </table>		4	0	-		7				<p>Write the length in inches.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 300px;"> </div> <p>_____</p>
	5																			
-																				
	3	2																		
	4	0																		
-		7																		

<p>If $\square = 7$, then $\square + 5 =$ _____</p>	<p>The factors of 12 are 1 _____ 3 _____ _____</p>
---	--

Name: _____

$$\begin{array}{r} 3,578 \\ + 2,849 \\ \hline \end{array}$$

$$\begin{array}{r} 1,117 \\ + 2,146 \\ \hline \end{array}$$

$$\begin{array}{r} 11,994 \\ - 7,888 \\ \hline \end{array}$$

$$\begin{array}{r} 18,925 \\ - 9,577 \\ \hline \end{array}$$

$$\begin{array}{r} 11,600 \\ - 9,586 \\ \hline \end{array}$$

$$\begin{array}{r} 5,412 \\ + 6,092 \\ \hline \end{array}$$

$$\begin{array}{r} 4,766 \\ - 1,225 \\ \hline \end{array}$$

$$\begin{array}{r} 7,772 \\ - 4,103 \\ \hline \end{array}$$

$$\begin{array}{r} 3,459 \\ + 9,189 \\ \hline \end{array}$$

$$\begin{array}{r} 4,005 \\ + 2,552 \\ \hline \end{array}$$

$$\begin{array}{r} 5,707 \\ + 2,153 \\ \hline \end{array}$$

$$\begin{array}{r} 9,237 \\ - 5,566 \\ \hline \end{array}$$

$$\begin{array}{r} 12,554 \\ - 5,847 \\ \hline \end{array}$$

$$\begin{array}{r} 8,627 \\ + 3,390 \\ \hline \end{array}$$

$$\begin{array}{r} 5,849 \\ - 2,214 \\ \hline \end{array}$$

$$\begin{array}{r} 4,275 \\ + 7,536 \\ \hline \end{array}$$

$$\begin{array}{r} 15,937 \\ - 7,651 \\ \hline \end{array}$$

$$\begin{array}{r} 9,673 \\ + 5,090 \\ \hline \end{array}$$

$$\begin{array}{r} 7,250 \\ + 7,924 \\ \hline \end{array}$$

$$\begin{array}{r} 8,861 \\ - 6,163 \\ \hline \end{array}$$

$$\begin{array}{r} 6,728 \\ + 4,126 \\ \hline \end{array}$$

$$\begin{array}{r} 15,021 \\ - 5,435 \\ \hline \end{array}$$

$$\begin{array}{r} 13,428 \\ - 9,210 \\ \hline \end{array}$$

$$\begin{array}{r} 9,967 \\ + 7,858 \\ \hline \end{array}$$

$$\begin{array}{r} 7,685 \\ + 5,161 \\ \hline \end{array}$$

$$\begin{array}{r} 10,349 \\ - 1,950 \\ \hline \end{array}$$

$$\begin{array}{r} 2,537 \\ + 2,510 \\ \hline \end{array}$$

$$\begin{array}{r} 6,325 \\ - 2,948 \\ \hline \end{array}$$

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

$$\begin{array}{r} + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 2 \\ \hline \square \end{array}$$

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

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

$$\begin{array}{r} - 9 \\ \hline 23 \end{array}$$

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

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

$$\begin{array}{r} + 3 \\ \hline 21 \end{array}$$

$$\begin{array}{r} - \square \\ \hline 12 \end{array}$$

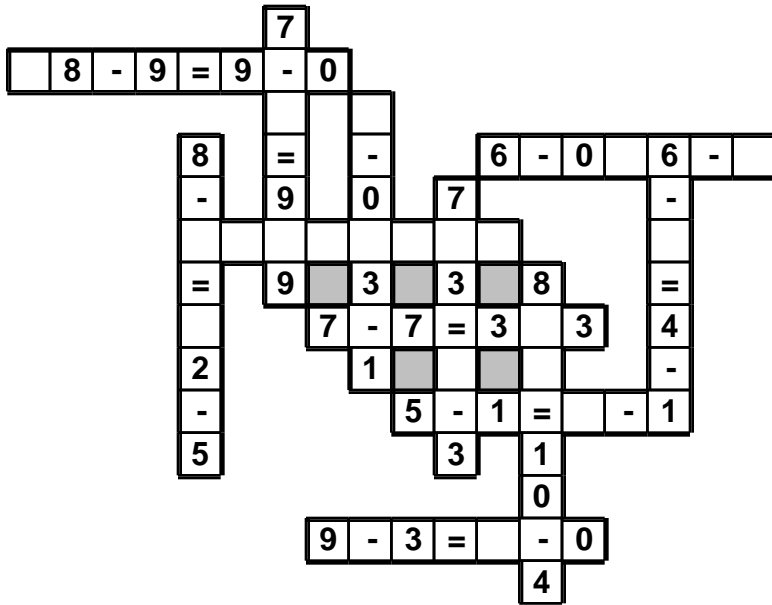
$$\begin{array}{r} + \square \\ \hline 16 \end{array}$$

Name: _____

$$1 \cdot 7 \cdot 2 \cdot = \cdot 0 \cdot 1 \cdot 5 \cdot - \cdot 8 \cdot = \cdot 8 \cdot - \cdot 1 \cdot 3 \cdot 1 \cdot - \cdot 7$$

$$2 \cdot 5 \cdot 6$$

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



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

92**9**,614,988

Write the ordinal number that
comes after thirty-first.

395

375

374

380

Write the numbers in order from largest to smallest.

largest

smallest

$$\begin{array}{r} 86 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 30 \\ \hline \end{array}$$

Name: _____

Nathan lives on a dairy farm. He takes care of 12 of the cows by himself. When he feeds them, he puts enough grain in the bucket for 2 cows. He empties it, and then goes back for enough for 2 more cows. How many times does he have to fill the bucket to feed all the cows?

Anna and her mother prepared beef, cheese, milk, and oatcakes to serve on Leif Ericson Day. Her Aunt Helga sent her the recipe for the oatcakes from Norway. The recipe makes thirteen oatcakes and uses two and a half cups of oats. Anna wants to make 52 oatcakes. How many cups of oats will she need?

Hunter 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 4 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 22.

What are the two prime numbers?

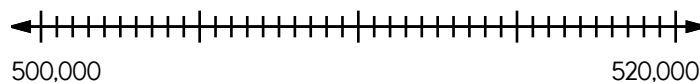
Name: _____

X			1		1	2
8	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad} 2$
	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	27	$\underline{\quad} \times \underline{\quad} 1$	18
	$\underline{\quad} \times \underline{\quad}$	20	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad} 2$
	2	8	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad}$	2	$\underline{\quad} \times \underline{\quad} 2$
5	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad} 2$
7	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	21	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad} 2$
3	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	9	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad} 2$
	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	$\underline{\quad} \times \underline{\quad}$	$\underline{\quad} \times \underline{\quad} 1$	6

Which number is four thousand, three hundred fifty-six?

60,354 43,506
4,356 5,364

Locate where to put the number 516,000 and label the point B.



Name: _____

Cross off the number that does NOT belong.

3, 3, 0, 0, 0, 3, 3, 3, 3, 0, 0, 0, 3, 3, 3,

3, 3, 0, 3, 0, 0, 0, 3, 3, 3, 3, 3, 3, 3

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{6}{9}$, 1, $1\frac{3}{9}$, $1\frac{6}{9}$, 2, $2\frac{3}{9}$, $2\frac{5}{9}$, $2\frac{6}{9}$, 3,

$3\frac{3}{9}$, $3\frac{6}{9}$, 4, $4\frac{3}{9}$, $4\frac{6}{9}$, 5, $5\frac{3}{9}$, $5\frac{6}{9}$, 6

Why does _____ not belong in the pattern?

Name _____



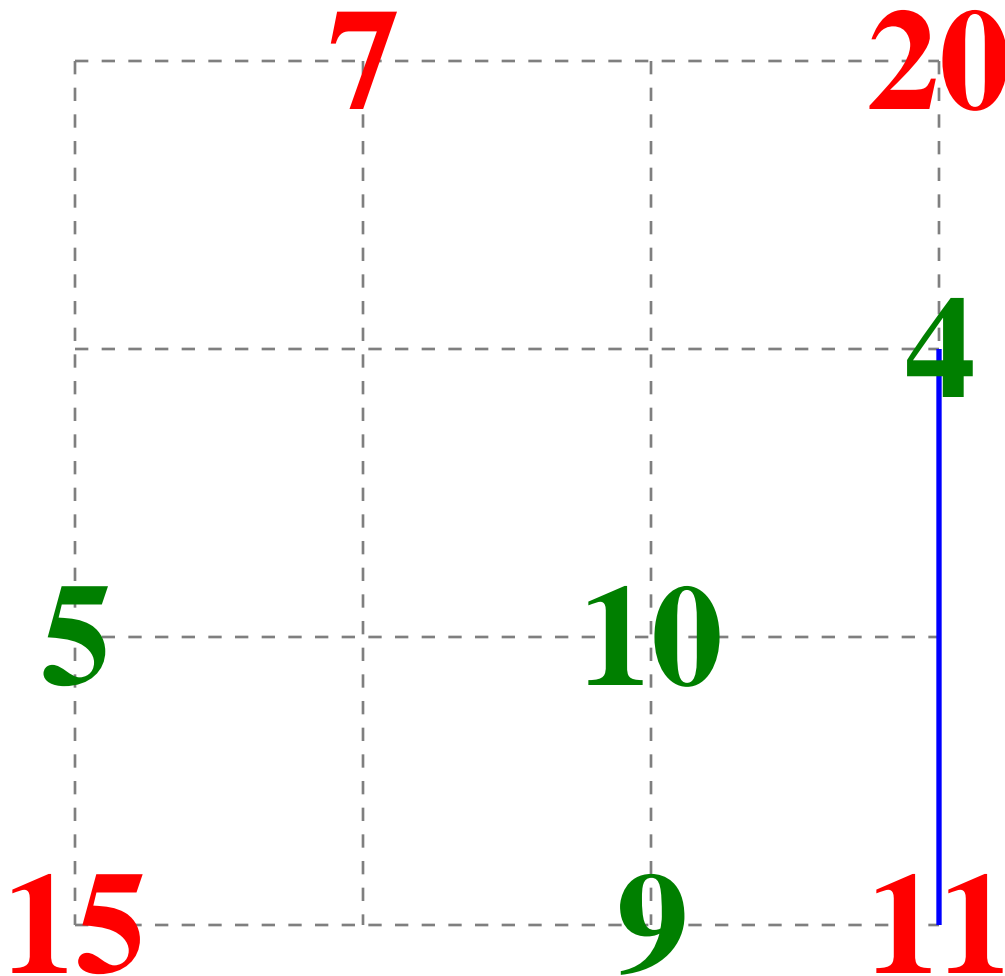
Date _____

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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$\times = \div < >$

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