

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

Draw a line from START to END.

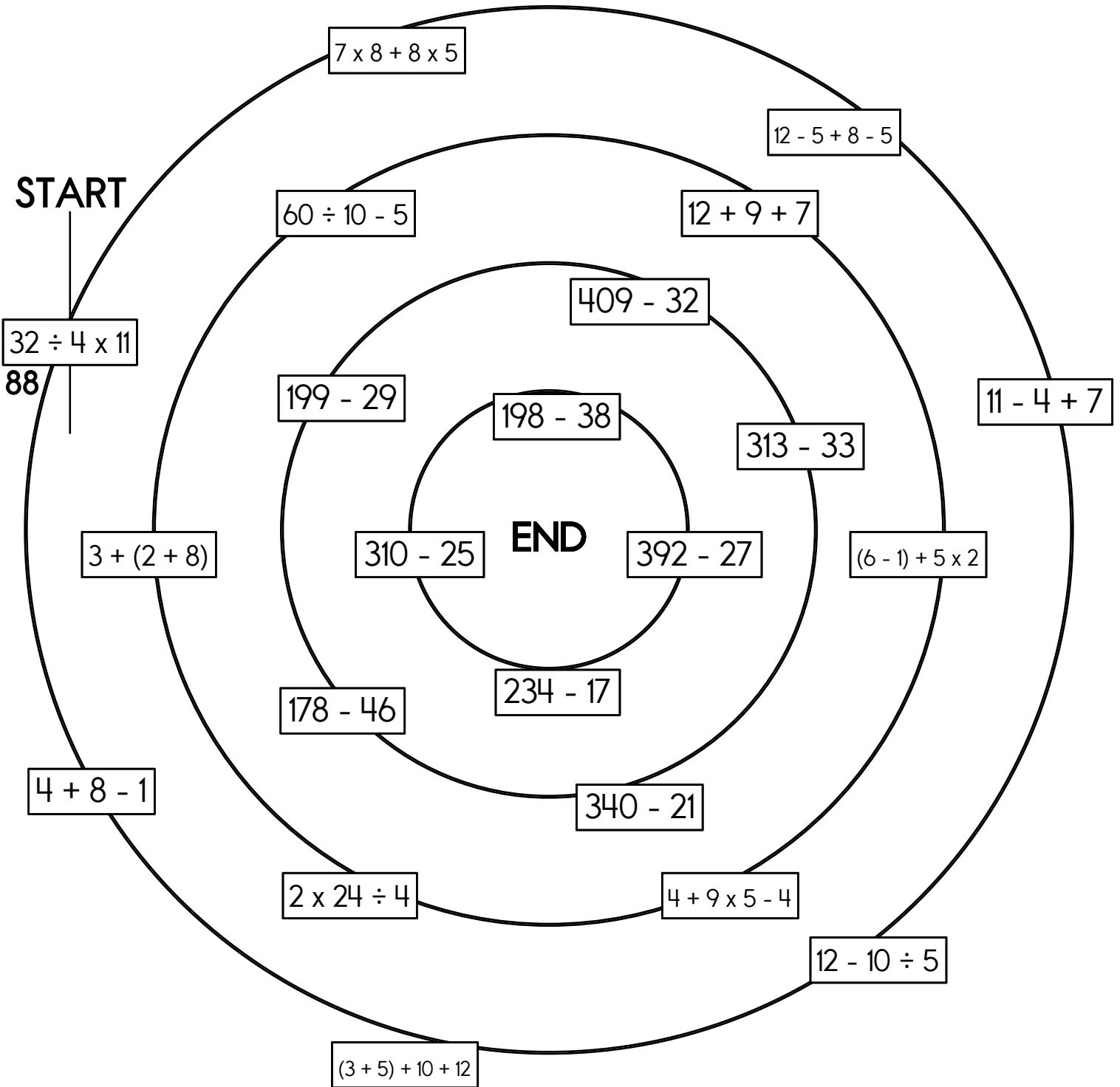
365

~~88~~

13

377

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



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

Rewrite this mixed number as an improper fraction.

$$6 \frac{10}{11}$$

A toy car can go 5 mph.  
How long would it take to  
go 16 miles?

How many centimeters in  
3.4 meters?

$$5 + 12 + 6 + 1$$

Write the missing family  
fact.

$$144 \div 8 = 18$$

$$18 \times 8 = 144$$

$$144 \div 18 = 8$$

How many meters are  
there in 134 kilometers?

$$150, 165, \underline{\quad}, 195,$$

$$210, 225, 240$$

How many ounces are in 4 pounds?

\_\_\_\_\_ ounces

$$8,489 + 2,596 = \underline{\hspace{2cm}}$$

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Solve for the unknown value. Hint: It is a positive whole number.

$$7y = 42 \quad y = \underline{\hspace{2cm}}$$

$$z + 38 = 97 \quad z = \underline{\hspace{2cm}}$$

$$55 + y = 100 \quad y = \underline{\hspace{2cm}}$$

$$42 + z = 72 \quad z = \underline{\hspace{2cm}}$$

$$12r = 132 \quad r = \underline{\hspace{2cm}}$$

What kind of angle has a measure of between  $0^\circ$  and  $90^\circ$ ?

Sketch an acute angle named  $\angle EFG$ .

Sketch a right angle named  $\angle ABC$ .

How much time is it from 8:00 a.m. to 10:25 a.m.?

$$9 \div \frac{1}{3}$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

Sara rolls a die. What is the chance of her rolling a 3?  
\_\_\_\_\_

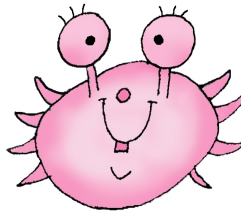
$$19 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$3 \times 3 = \underline{\hspace{2cm}}$$

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<p>Jenna is trying to choose what kind of ice cream cone to buy. She can buy a sugar cone, a plain cone, or a waffle cone. She can choose vanilla, chocolate, or strawberry ice cream. How many choices does she have?</p>	<p>Ms. Smith planned to show her horse in a show in England. The entry fee was 113.79 pounds sterling. The equation for changing pounds sterling to U.S. dollars is <math>D = 1.78P</math>. What is the entry fee in U.S. dollars? (Round off your answer to the nearest cent.)</p>	<p>Miss Lee drove 343.5 miles from her home in Park City to Atlanta, Georgia, to visit the Coca-Cola Museum and visit with her grandmother. Then she drove 278.4 miles to visit her cousin in Dellwood. From Dellwood it was another 167.5 miles back to Park City. How many miles did she drive in all?</p>
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<p>Three girls ran a race. April was not as fast as Sarah. Sarah ran past Erin in the race and Erin never caught up. Who won the race? Do you have enough information to know?</p>	$33 \div 11 = \underline{\hspace{2cm}}$	$\begin{array}{r} 411 \\ - 379 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ + 27 \\ \hline \end{array}$
	$30 \div 3 = \underline{\hspace{2cm}}$		
<p>What time is 16 hours after 3:00 p.m.? _____</p>	$824 + 656 = \underline{\hspace{2cm}}$	$\begin{array}{r} 414 \\ + 355 \\ \hline \end{array}$	




$88 \div 11 = \underline{\hspace{2cm}}$
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Name: \_\_\_\_\_

Fill in the missing operations to complete this equation:  $48 \text{ \_\_\_\_ } 24 \text{ \_\_\_\_ } 34 = 36$	Can 215 be evenly divided by 5? Circle: 215 is evenly divisible by 5 215 is NOT evenly divisible by 5		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"><math>10 \times 9 = \text{\_\_\_\_\_\_\_\_\_\_}</math></td> <td style="width: 50%; padding: 5px;"><math>55 \div 5 =</math></td> </tr> </table>	$10 \times 9 = \text{\_\_\_\_\_\_\_\_\_\_}$	$55 \div 5 =$	
$10 \times 9 = \text{\_\_\_\_\_\_\_\_\_\_}$	$55 \div 5 =$		

$1 \text{ km} = 1,000 \text{ m}$  $28 \text{ km} = \text{\_\_\_\_\_\_\_\_\_\_} \text{ m}$	How many dimes make \$3?	$18 \div 2 = \text{\_\_\_\_\_\_\_\_\_\_}$
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For 853,807,411,552, write the digit that is in the ten thousands place.  _____	Can 412 be evenly divided by 9? Circle: 412 is evenly divisible by 9 412 is NOT evenly divisible by 9	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%; padding: 5px;"><math>8 \times 12 =</math></td> </tr> </table>	$8 \times 12 =$	
$8 \times 12 =$		

Which is the better buy? Nine bags of candy for \$72 or three bags of candy for \$9?	$232 - 167 = \text{\_\_\_\_\_\_\_\_\_\_}$
	

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

<p>In the number 681,793,930, the digit 1 is in what place?</p> <p>_____</p>	<p><math>363 - 124 =</math> _____</p>
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<p>Circle the addition property for <math>31 + 61 = 61 + 31</math>.</p> <p>associative property commutative property</p>	<p><math>56 \div 7 =</math> _____</p>
--	---------------------------------------



<p><math>28 \div 4 =</math> _____</p>	<p><math>12 \times 11 =</math> _____</p>	<p>Holly makes a basket for every two attempts that she makes. Jessica needs eight attempts to make a basket. Each basket is worth 2 points. If they each make 64 attempts, then what is the score?</p>
<p><math>8 \times 4 =</math> _____</p>		

<p><math>84,821 - 61,998 =</math> _____</p>	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>four hundred ninety-one thousand, two hundred seventy-eight</p> <p>_____</p>
---	---

<p><math>3 \times 5 =</math> _____</p>	<p>Emma is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The three digits add up to seventeen. The hundreds digit is 6 more than the units digit. The tens digit is 5 more than the units digit. One digit in her number is eight.</p> <p>Are you going to get candy?</p>	<p><math>12 \times 11 =</math> _____</p>
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Name: \_\_\_\_\_

2 • 3 • 2 • 8 • ÷ • 7 • = • 4 • 5 • 0 • = • 6 • 8 • 8 • = • 0 • 1  
2 • =

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

<b>4 x</b>				<b>= 8</b>		<b>6 ÷</b>				<b>= 2</b>	
		<b>0</b>								<b>x</b>	
										<b>9</b>	
		<b>4</b>				<b>3</b>		<b>÷</b>	<b>5</b>	<b>=</b>	<b>7</b>
<b>3</b>	<b>x</b>			<b>0</b>				<b>x</b>			<b>1</b>
<b>x</b>			<b>5</b>		<b>÷</b>	<b>7</b>	<b>=</b>				
<b>7</b>								<b>=</b>			
								<b>4</b>			
<b>2</b>	<b>3</b>										
	<b>x</b>	<b>7</b>	<b>=</b>	<b>7</b>							
	<b>=</b>										
	<b>6</b>	<b>÷</b>	<b>6</b>							<b>1</b>	

$7 \times 7 =$  \_\_\_\_\_

$9 \times 8 =$  \_\_\_\_\_

Circle the digit in the tenths place.

9,941.3492

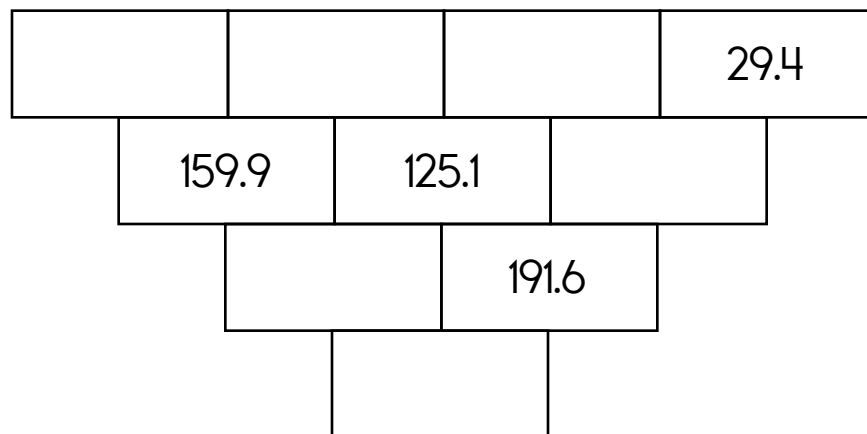
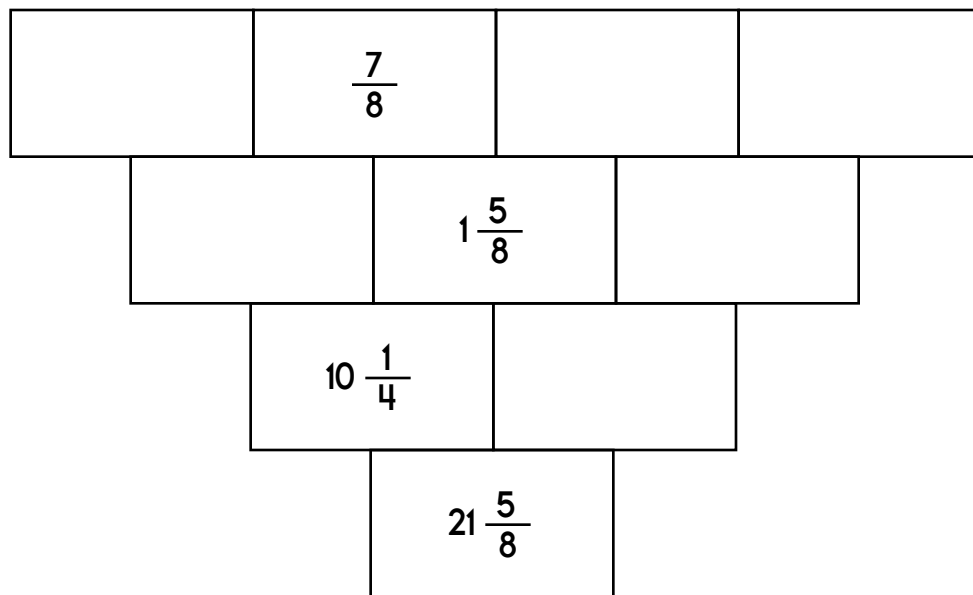
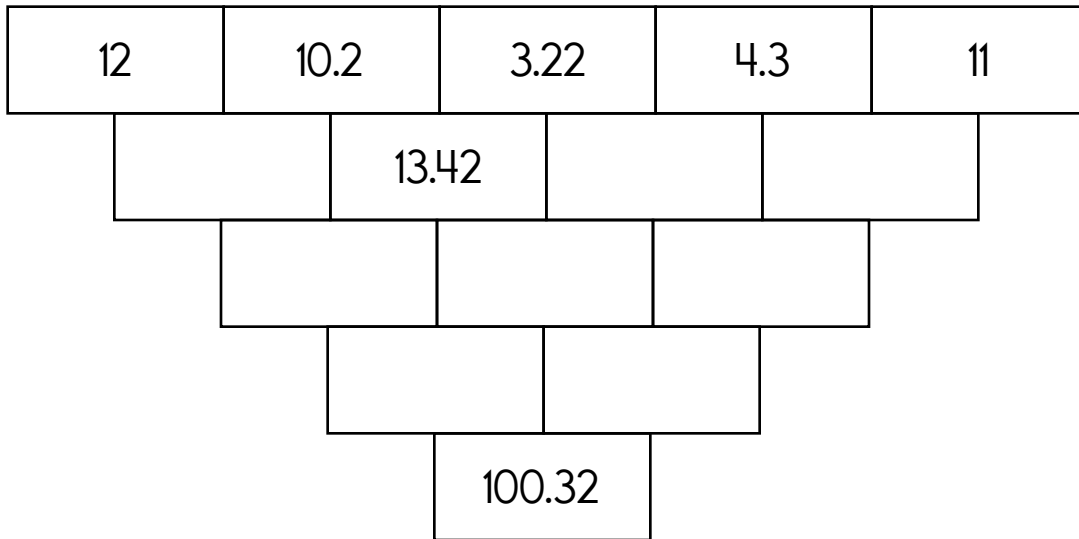
The letters B and U each have a line of symmetry. Name another letter between B and U that has a line of symmetry.

\_\_\_\_\_



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

The block below is the sum of the two blocks above. Fill in the missing blocks.





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

Cross off the letter or number that does NOT belong.

g, 9, H, g, 9, H, g, 9, H, 9, g, 9, H

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

Cross off the number that does NOT belong.

$13 \frac{5}{20}$  ,  $13 \frac{10}{20}$  ,  $15 \frac{17}{20}$  ,  $16 \frac{2}{20}$  ,  $16 \frac{7}{20}$  ,  $18 \frac{19}{20}$  ,  $19 \frac{4}{20}$  ,  
 $21 \frac{16}{20}$  ,  $22 \frac{1}{20}$  ,  $24 \frac{13}{20}$  ,  $24 \frac{18}{20}$  ,  $27 \frac{10}{20}$  ,  $27 \frac{15}{20}$

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

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

Use any of these digits. Cross off a digit after you use it.

**3                      9                      0                      2                      6                      0**

Write the smallest 3-digit number that you can come up with that is divisible by 3.

$\frac{1}{4}$

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{3}{7}$

$\frac{3}{5}$

$\frac{2}{3}$

$\frac{1}{3}$

Name two of the above numbers that have a difference of  $\frac{9}{28}$ .

The sum of two integers is zero. If you subtract the smaller integer from the larger integer, the difference is 22. What is the value of the smaller integer?

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$$\begin{array}{r} 381 \\ + 99 \\ \hline \end{array}$$

$$\begin{array}{r} 74,842 \\ - 58 \\ \hline \end{array}$$

$91 + 43 =$

Write as a decimal.  
Seventeen thousandths

Write as a decimal.

$19 \frac{33}{100}$

Write as a decimal.  
Thirteen and two hundredths

$-8 - -4 =$

$-18 \div 6 =$

$-6 + 10 =$

$$\begin{array}{r} 8.28 \\ \times 5 \\ \hline \end{array}$$

$3 \overline{) 16.8}$


Change  $\frac{7}{10}$  to a decimal.

Reduce  $\frac{126}{171}$  to its lowest terms.

$10 + \frac{2}{11} + \frac{1}{3} =$

$92 - \frac{7}{10} =$

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



What kind of angle is this?

Sketch 2 lines  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{WX}$  that are perpendicular.

$$y - 15 = 10$$

$$m - 10 = 10$$

$$34 - n = 19$$

Write the reciprocal.

$$\frac{13}{15}$$

Write the reciprocal.

$$11$$

Write the reciprocal.

$$\frac{5}{1}$$

Multiply 136 and 4.

$$\begin{array}{r} 32 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 380 \\ \times 58 \\ \hline \end{array}$$

$$\frac{N}{40} = 20$$

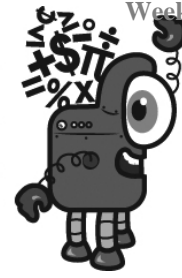
$$\frac{22}{N} = 11$$

$$\frac{N}{9} = 11$$

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 9 in your head

multiply 8

double it

Write the ones digit.

\_\_\_\_\_ A

imagine 8 in your head

subtract 3

add 7

add 3

add 8

double it

Write the ones digit.

\_\_\_\_\_ B

imagine 8 in your head

add 7

subtract 8

add 1

add 2

add 5

Write the odd digit in your answer.

\_\_\_\_\_ C

imagine 8 in your head

double it

subtract 8

subtract 5

add 4

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?

\_\_\_\_\_ e n \_\_\_\_\_

8 before 12 \_\_\_\_\_

1 after 16 \_\_\_\_\_

2 after 13 \_\_\_\_\_

2 before 11 \_\_\_\_\_

4 after 18 \_\_\_\_\_

7 after 11 \_\_\_\_\_

5 before 18 \_\_\_\_\_

6 after 19 \_\_\_\_\_

9 after 17 \_\_\_\_\_

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

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

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

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

3 2 1 4

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

Hint - These numbers are missing:

4 1 1 1 2 3 1

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

Hint - These numbers are missing:

4 1 3 1 4 4 2



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

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

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

Hint - These numbers are missing:

2 1 3 1  
4 1 4 4

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

Hint - These numbers are missing:

4 2 4 1 3  
2 1 3 2 3

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

Hint - These numbers are missing:

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

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

Hint - These numbers are missing:

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

15 ÷ 5 = \_\_\_\_\_



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

option • comic • oases • ravenous • inhibit • clasp

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

	comic	oases			option
	inhibit				
ravenous					
	option			inhibit	
		option	clasp		oases

Holly is younger than Sarah. Sarah is younger than Rosa. Who's the youngest?

$$(4 + 5) + 2 =$$

$$9,799 + 7,159 =$$

$$92,127 - 35,298 =$$

Write the numbers 30 to 55 on a sheet of paper. How many of these numbers are divisible by 2?

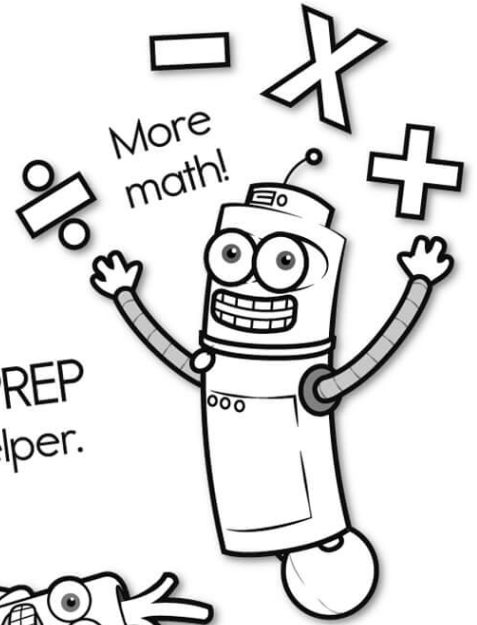
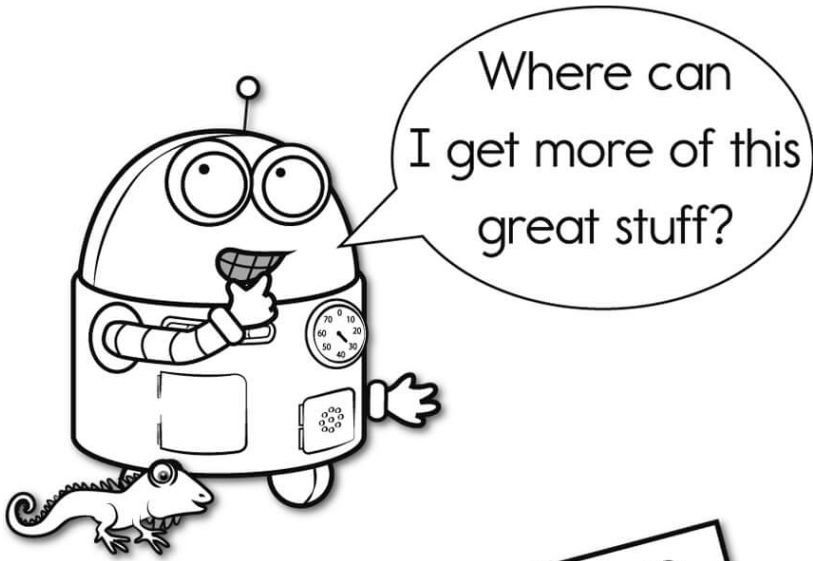
\_\_\_\_\_

Can 393 be evenly divided by 6? Circle:  
393 is NOT evenly divisible by 6  
393 is evenly divisible by 6

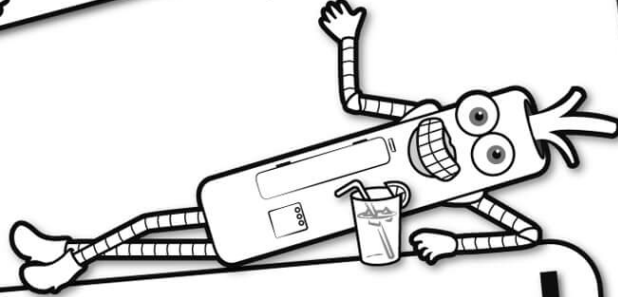
$$110 \div 11 =$$





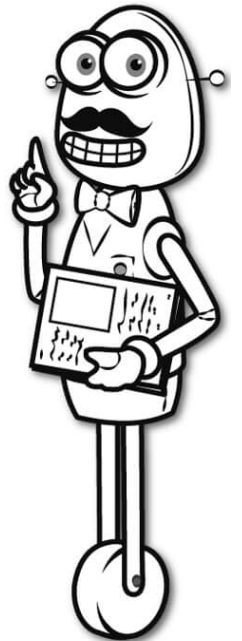


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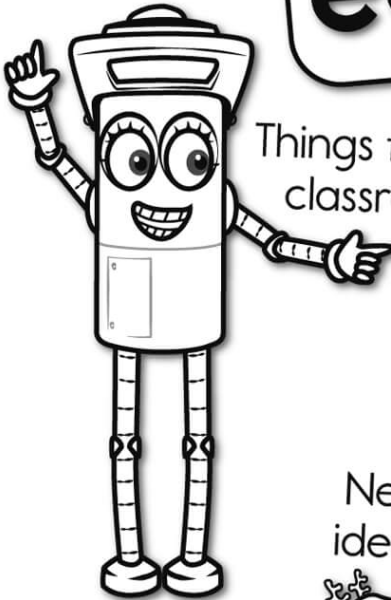
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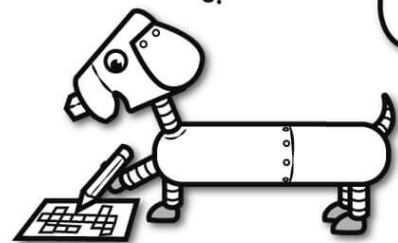
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