

Name: _____

Complete each pattern. Write what the rule is.

49, 58, 69, 82, 97, _____, 133, 154, 177, 202, 229, 258, 289

23, 32, 43, _____, _____, 88, 107, 128, 151, _____, _____, 232

Complete each pattern. Write what the rule is.

85.5	76	66.5
57		38
28.5		9.5

Name: _____

Reduce $\frac{5}{45}$ to its lowest terms.

$$5 + \frac{5}{6} + \frac{8}{11} =$$

$$73 - \frac{1}{3} =$$

$$2\frac{5}{9} \times \frac{4}{12} =$$

$$\begin{array}{r} \frac{1}{4} \\ - \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{8}{9} \\ \frac{5}{9} \\ + \frac{4}{9} \\ \hline \end{array}$$

$$\frac{7}{11} \div \frac{7}{9} =$$

Change $\frac{116}{16}$ to a mixed number.

Find the least common denominator.

$$\frac{3}{12} \text{ and } \frac{3}{6}$$

$$5 + \frac{1}{2} - \frac{1}{2} =$$

$$19 - \frac{2}{5} - \frac{1}{11} =$$

Write the reciprocal.

$$\frac{1}{7}$$

Name: _____

One hundred thirty people entered the sandcastle-building contest. Each person was given 12 gallons of sand for building. How many cups of sand were given to the contestants in all? (Note: There are 16 cups in one gallon.)

Jessica is making picnic boxes for the Youth Against Violence Day picnic. She has 2 pounds of potato salad. If she puts $\frac{1}{5}$ pound of salad in each box, how many boxes can she make?

Charles Lindbergh flew from Roosevelt Field, New York, to Le Bourget Field in Paris, France. He flew the 5,810 kilometers in 33.5 hours. What was his average speed? Round your answer to the nearest hundredth.

Justin's father is a police officer. He works from 8:30 a.m. until 3:30 p.m. for five days each week. How long does Justin's father work in a week?

Peter drew a rectangle that was 9 inches wide and 12 inches long. Inside the rectangle he drew a triangle. What is the area of the largest triangle he could draw inside the rectangle? (Use only whole numbers for measurements.)

There are 29 students in the Art Club. They all plan to enter a painting in the Mills River Art Contest. Of that number, 40% procrastinated and didn't have a picture completed. How many students have pictures to enter?

Name: _____

Can you draw lines to cover every number or shape in the picture?

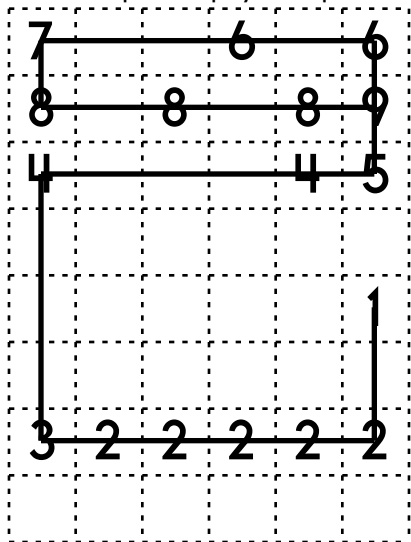
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

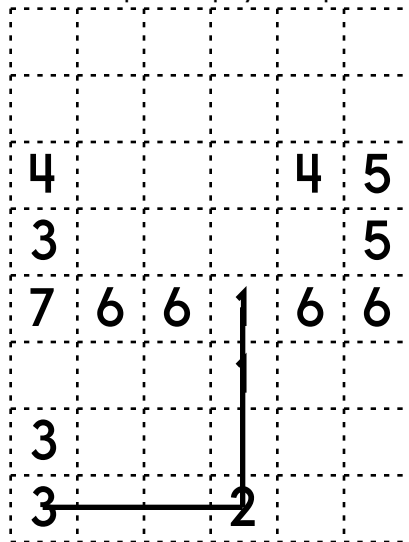
Do not pick up your pencil.



Draw exactly 6 lines.

Start on 1.

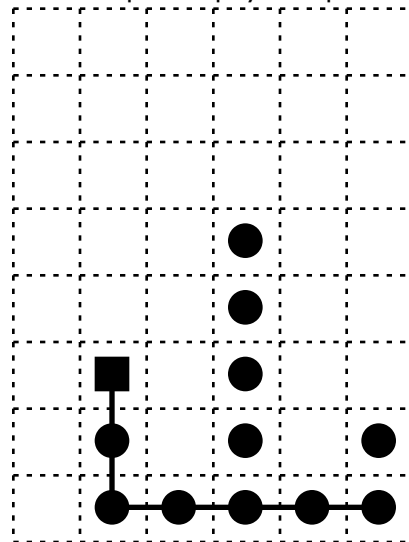
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Draw exactly 5 lines.

Start on the square.

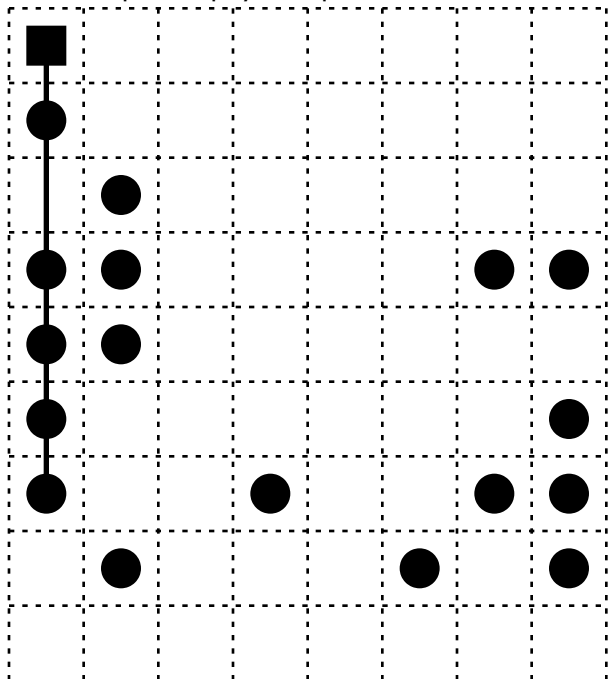
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Draw exactly 7 lines.

Start on the square.

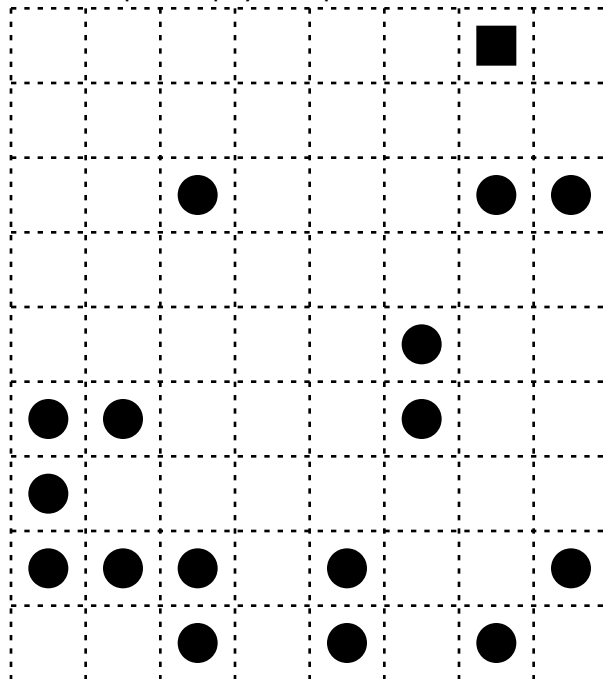
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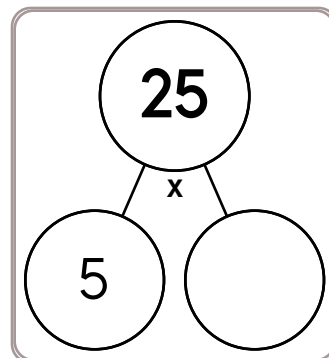
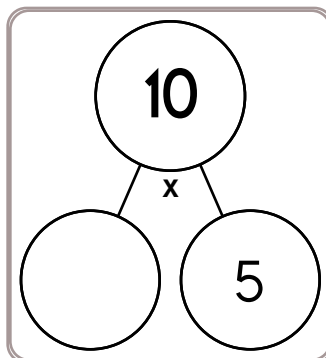
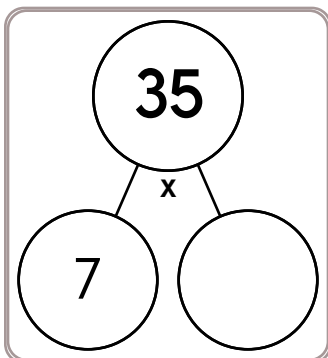
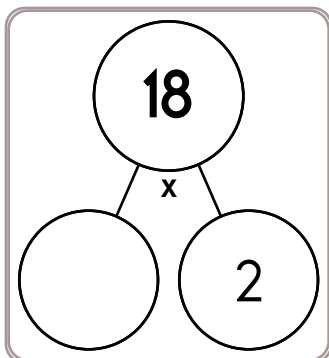
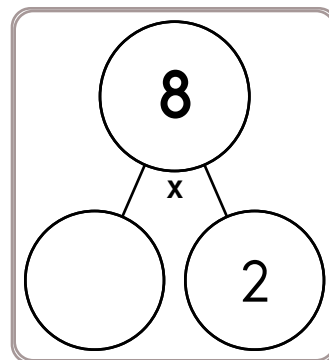
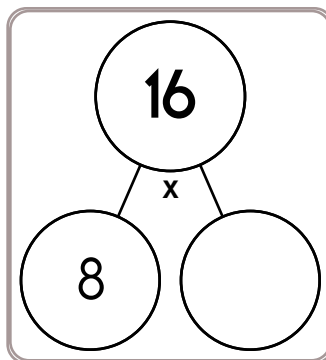
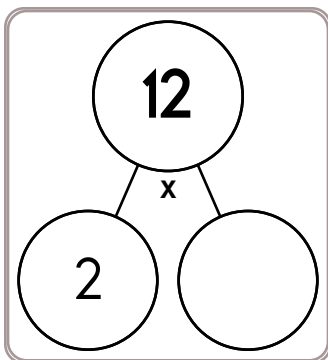
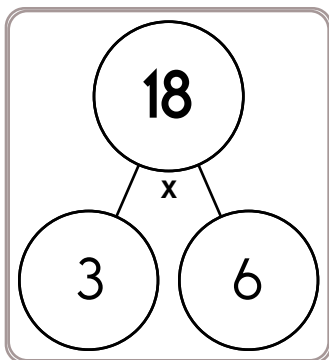
Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: _____



$22 \div 11 =$

$16 \div 8 =$

$72 \div 12 =$

$40 \div 10 =$

$16 \div 4 =$

$24 \div 3 =$

$120 \div 10 =$

$25 \div 5 =$



$__ \div 5 = 2$

$36 \div __ = 9$

$__ \div 5 = 9$

$36 \div __ = 4$

$15 \div __ = 5$

$32 \div __ = 8$

$__ \div 9 = 7$

$__ \div 7 = 5$

$__ \div 2 = 8$

$35 \div __ = 7$

$81 \div __ = 9$

$__ \div 4 = 4$

Name: _____

The ugly yellow truck uses a lot of gas now. It used 25 gallons of gas on its last trip. If the cost of gas is \$1.92 per gallon, how much did the gas cost for the truck's last trip?

During the month of Ramadan, Muslims fast from sunrise to sunset. In New York City, the sun will rise at 7:10 a.m. and set at 6:15 p.m. on October 16. How long will the Muslims in New York City fast on that day?

At the science fair, Ava and Jack put together their own remote control vehicles. Mrs. Martinez is walking around in the back of the school to check them out.

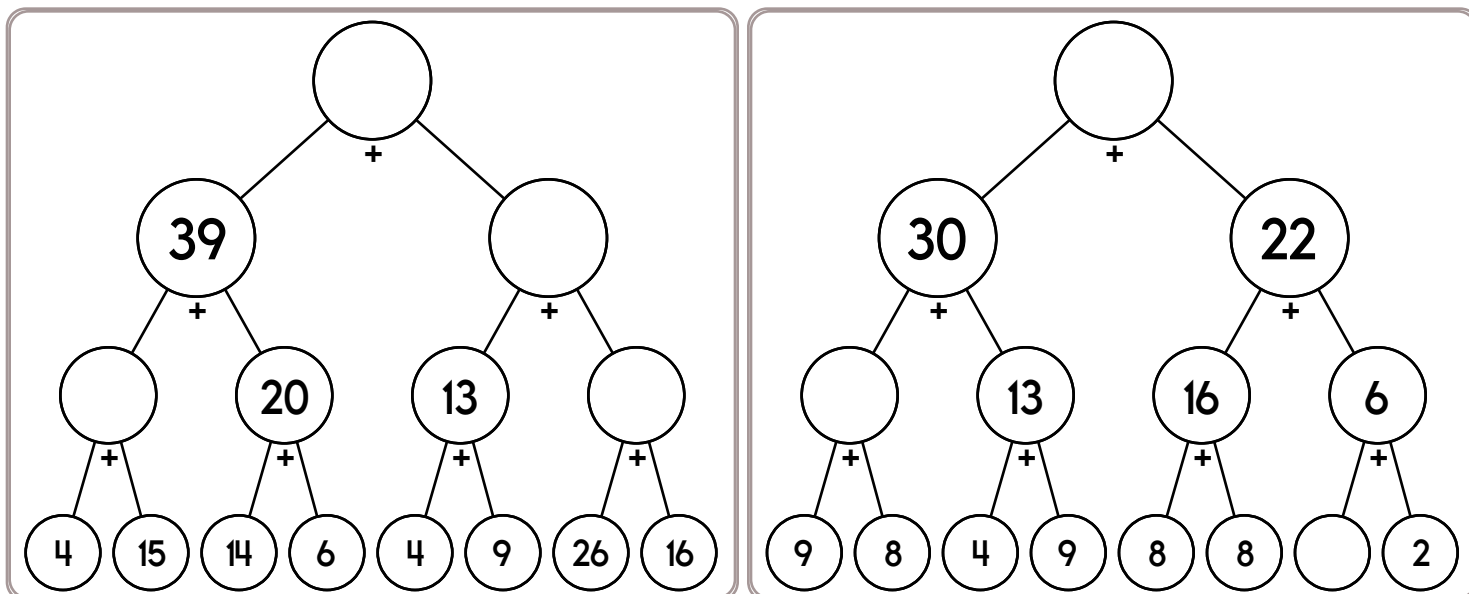
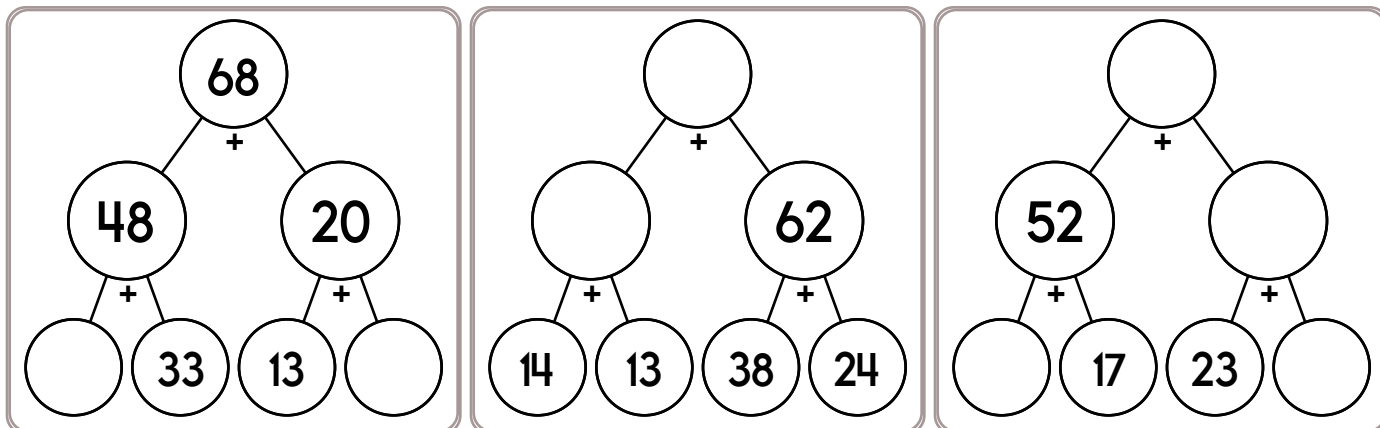
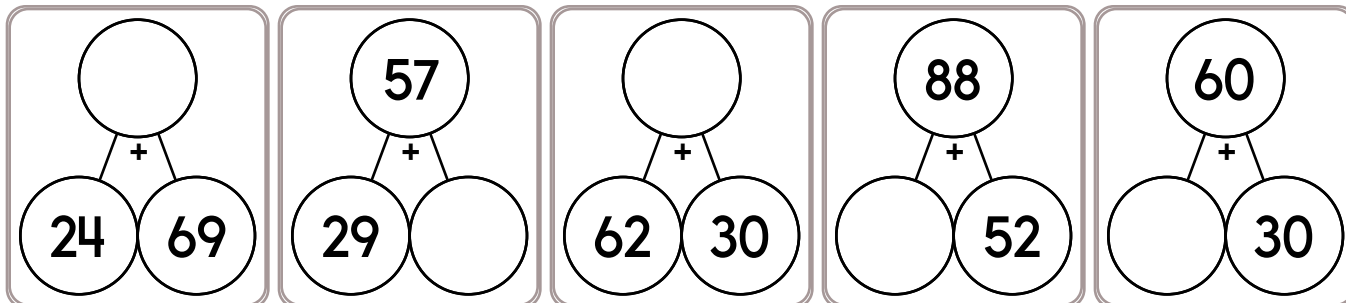
"My model truck can go 16.8 mph, and its battery can last 30 minutes," says Ava.

"Well, my car can go 17.5 mph," interrupts Jack. "And it can last 27 minutes."

Mrs. Martinez decides to put them both on a track to test. She runs them both for 35 minutes without any additional charges. Which car will go farther? By how many miles?

Wendy has 40 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Name: _____



Pick the family fact that is missing.
 $64 \div 16 = 4$
 $64 \div 4 = 16$
 $16 \times 4 = 64$

A toy car can go 3 mph.
 How long would it take to go 7.5 miles?

The radius of a circle is 783 cm.
 What is the diameter of this circle?

Name: _____

$$\begin{array}{c} \text{1609} \\ + \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{1834} \\ + \\ \text{871} \end{array}$$

$$\begin{array}{c} \text{1065} \\ + \\ \text{162} \end{array}$$

$$\begin{array}{c} \text{1168} \\ + \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{983} \\ + \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{818} \\ + \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{1536} \\ + \\ \text{697} \end{array}$$

$$\begin{array}{c} \text{1268} \\ + \\ \text{387} \end{array}$$

$$\begin{array}{c} \text{15} \\ \times \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{72} \\ \times \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{20} \\ \times \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{45} \\ \times \\ \text{5} \end{array}$$

$$\begin{array}{c} \text{54} \\ \times \\ \text{9} \end{array}$$

$$\begin{array}{c} \text{63} \\ \times \\ \text{9} \end{array}$$

$$\begin{array}{c} \text{54} \\ \times \\ \text{ } \end{array}$$

$$\begin{array}{c} \text{63} \\ \times \\ \text{ } \end{array}$$

$$\begin{array}{r} \text{549} \\ - \text{403} \\ \hline \end{array}$$

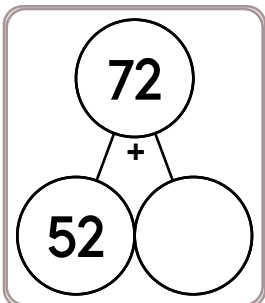
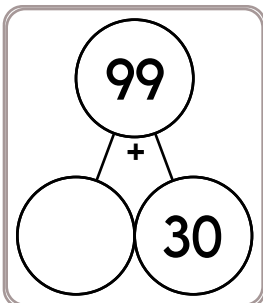
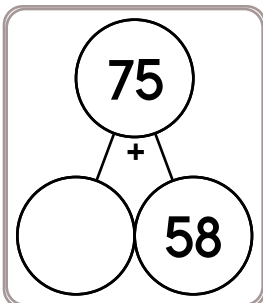
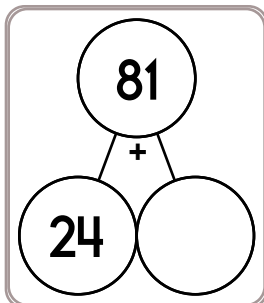
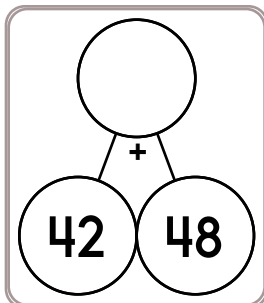
$$\begin{array}{r} \text{633} \\ - \text{535} \\ \hline \end{array}$$

$$\begin{array}{r} \text{985} \\ - \text{378} \\ \hline \end{array}$$

$$\begin{array}{r} \text{767} \\ - \text{346} \\ \hline \end{array}$$

$$\begin{array}{r} \text{551} \\ - \text{109} \\ \hline \end{array}$$

Name: _____



$$34 + n = 50$$

What is the value of n?

Estimate quickly the difference.

$$7,390 - 2,650$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

Round 14,305 to the nearest thousand.

It was 8 degrees above zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

$$8\frac{5}{8} + 3\frac{3}{8}$$

Circle the three numbers whose product equals 384.

12 8 10

5 4 12

How much money is 1 quarter, 1 dime, 7 nickels, and 1 penny?

How many meters are there in 141 kilometers?

How many centimeters in 5.9 meters?

A rectangle is 50 cm on one side and 12 cm on another side. What is the perimeter?

It was 79 degrees outside. What would the temperature be if it got 10 degrees colder?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

46	73	55
-	74	51 61
	32	33 87
	90	71 31

Find a subtraction fact.

B

90	24	8
-	44	45 54
	51	74 58
	41	26 23

Find a subtraction fact.

C

40	67	55
-	54	52 25
	24	39 18
	44	87 95

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	87	-	55	=	32
B		-		=	51
C		-	40	=	

Can 900 be evenly divided by 10? Circle:

900 is NOT evenly divisible by 10

900 is evenly divisible by 10

$$\begin{array}{r} 42 \\ + 26 \\ \hline \end{array}$$

Name: _____

$\begin{array}{r} 479 \\ + 380 \\ \hline \end{array}$	$\begin{array}{r} 817 \\ - 643 \\ \hline \end{array}$	$11 \times 10 =$	How many digits are in ten times ten? _____
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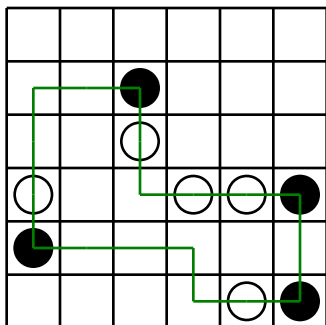
Can 717 be evenly divided by 4? Circle: 717 is evenly divisible by 4 717 is NOT evenly divisible by 4	$\begin{array}{r} 26 \\ - 15 \\ \hline \end{array}$	$1 \text{ lb} = 16 \text{ oz}$ $26 \text{ lb} = \text{_____} \text{ oz}$
		$7 \times 11 =$

What time is 16 hours after 4:00 a.m.? _____	$(8 + 7) + 8 =$
---	-----------------

Megan wants to call Anna. Anna is on vacation in Asia. It is a time difference of fourteen hours. Anna's time is always later than Megan's time. If it is 10:23 P.M. where Megan lives, then what time is it where Anna is? _____	$18 \text{ km} = \text{_____} \text{ m}$
--	--

Write the missing family fact. $24 + 81 = 105$ $81 + 24 = 105$ $105 - 81 = 24$ _____	How many feet are in 6 yards? _____ feet	
		$110 \div 10 =$

Name: _____

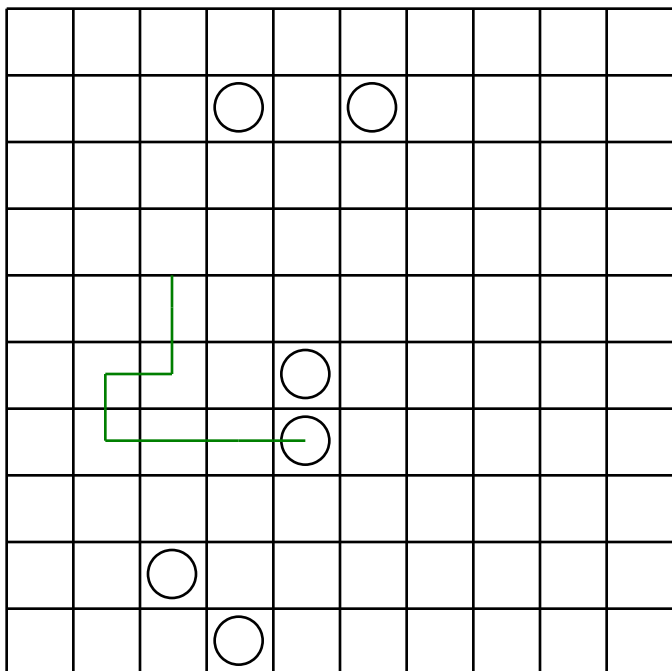


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

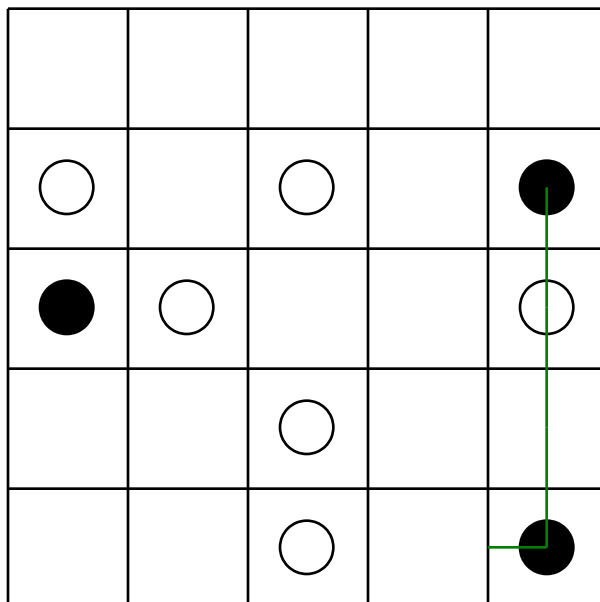
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



The circus is in town! Tickets are only \$3 for kids. Adults need to pay double the price of kids tickets. Hannah is bringing four of her friends in her class. Her mom is also coming. Hannah wants to pay for everyone. How much will she need to pay?

$$40 \div 8 =$$

Insert a comma in the appropriate place in this sentence.

Indeed that was a very difficult vocabulary test!

Name: _____

<p>Circle the greatest number:</p> <p>75,083,246</p> <p>9,143,958</p> <p>6,210,770,513</p> <p>26,498</p>	<p>Write a letter that has a line of symmetry.</p> <p>_____</p>
--	---



















<p>The principal of your school wants to buy forty-four books. Each book costs \$14.20. She wants to estimate how much it will cost. Show her how you would estimate the cost:</p>	<p>On the line, write whether the group of words is a sentence or a run-on.</p> <p>If at first you don't succeed, try again then you might succeed.</p> <p>_____</p> <p>Circle the word that is spelled correctly.</p> <p>The (ground/grownd) is still frozen, even though it is March.</p>
--	---

<p>$32 \div 8 =$</p>	<p>Ava wants Mary to guess a two digit number. She tells Mary that her number has two different digits. The digits are 2 and 8. Mary thinks. She then guesses the number 82. What are the chances that Mary has guessed correctly?</p>
---------------------------------	--

<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>Write this as a number in standard form. Use a comma in your number.</p> <p>three hundred ninety-seven thousand, forty-two</p> <p>_____</p>
--	--

Name: _____

Puzzle:

9					51
	9	9			44
9	9				52
	9				47
	9				41
46	50	57	54	28	+

Work Area:

9					51
	9	9			44
9	9				52
	9				47
	9				41
46	50	57	54	28	+

The sum for each column and row is given.



= _____



= _____



= _____



= _____

Write the ratio as a fraction.
11 cats to 7 dogs

Change to a decimal.
3%

Write the ratio as a fraction.
3 dimes to 7 nickels

$6 \times 12 + 8$

What is 50% of 340?

What 3 coins add up to 45 cents?

Circle the relative adverb.

Could you please tell me who you are?

Name: _____

		+		+		+		=	
	C	A	C	C					34
+	A	A	B	B					22
-	C	?	C	B					26
=									
	7	10	4	9					

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + A - C = 7 \quad A + A + _ + B = 22$$

$$_ + _ - _ = 4 \quad _ + _ - _ = 9$$

$$_ + _ + _ + _ = 34$$

Additional hints:

$$A = B + 3 \quad B < 10$$

Solve:

$$? = _$$

Name _____



Date _____

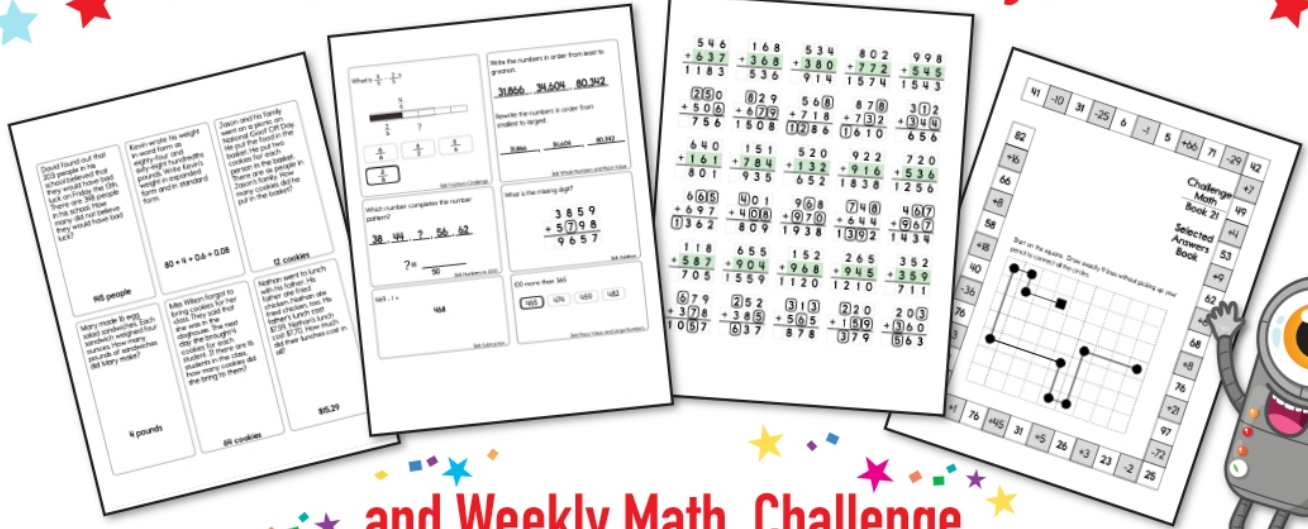
Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.

●	●							
	●			●			●	
		●	●					
			●					
				●		○ B		
●		●						
	●	●		●	●			
		●		●			●	
	●		●		●		●	○ E

Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

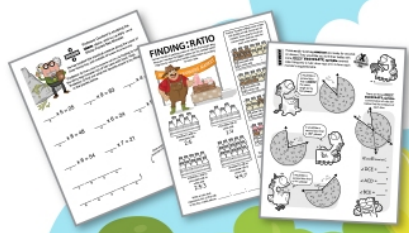
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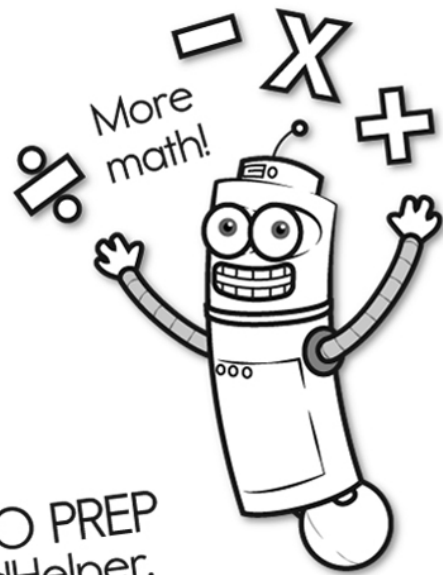
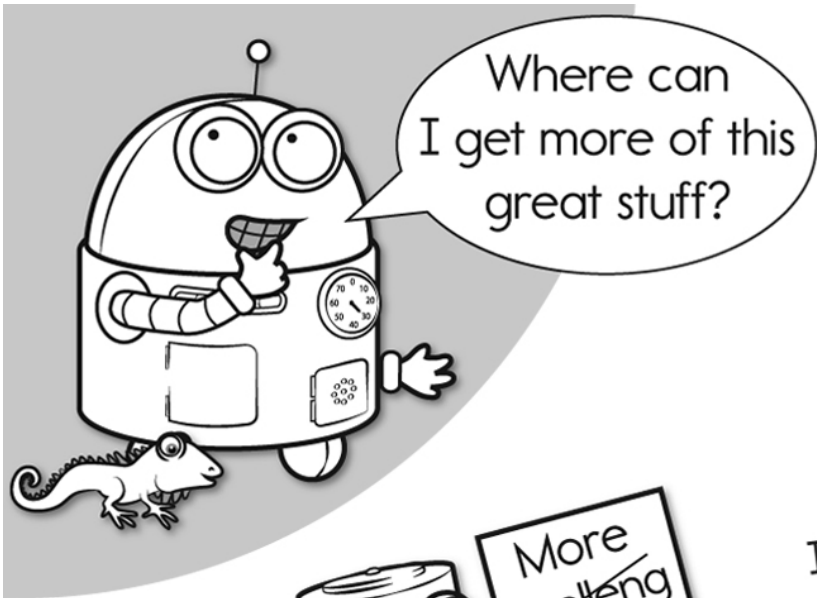
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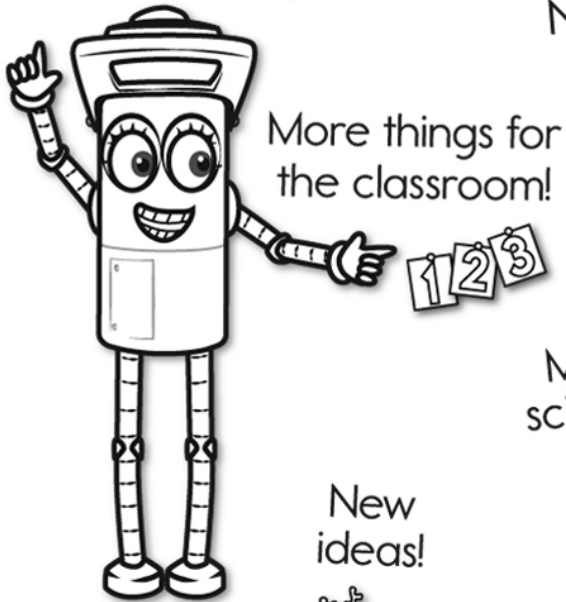
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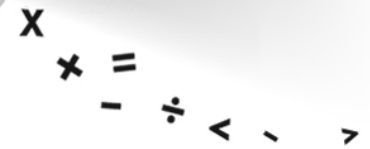
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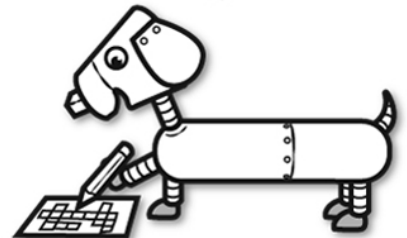
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