

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

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 7	2	5	3
4	1	3	2
2	3	9	3
1	9	6	FINISH SUM: 36

7 + 2 + 5 + 3 + 1 + 3 +  
9 + 6 = 36

START 11	4	4	11
16	12	13	14
8	18	14	FINISH SUM: 66

11 + 16 + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ =  
66

START 9	9	7	9
7	7	6	6
6	8	8	6
8	9	9	FINISH SUM: 63

Did you find a path? Write the equation.

START 7	7	1	4
2	1	4	7
6	6	8	8
5	2	9	FINISH SUM: 48

7 + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ +  
\_\_\_\_\_ + \_\_\_\_\_ = 48

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

Estimate quickly the difference.

$$4,790 - 1,190$$

How many minutes is it from 6:00 a.m. to 11:55 a.m.?

Round the decimal 0.375 to the nearest hundredth.

Draw a number line

with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{7}{11}$  would go. Is  $\frac{7}{11}$  closer to 0,  $\frac{1}{2}$ , or 1?

(625), (125), (25),

(5), (1), \_\_\_\_\_,  $\frac{1}{25}$ ,

$\frac{1}{125}$ ,  $\frac{1}{625}$ ,  $\frac{1}{3125}$

6, 11, 16, 24, 32, 43, 54,

68, 82, 99, 116, 136,

\_\_\_\_\_, 179, 202, 228

If  $a = 4$  and  $b = 67.3$ , then  
 $3a + b - a =$

$$|-10| - d = 6$$

$$d =$$

$$7.8101 \times 10^4 =$$

Rewrite as an algebraic expression or equation.

Three thousand four hundred forty-three minus the product of  $d$  and 29.5.

Rewrite as an algebraic expression or equation.

Add 16 to the product of 6 and  $f$

A circle graph has five sections. Only four sections are labeled. The labels are 25%, 9%, 6%, and 2%. What should the missing section be?

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

Ready to make equations? There is a missing equation in each box.

Circle the numbers once you find it!

**A**

8	23	72
46	30	86
33	78	71
12	73	52

Find a subtraction fact.

**B**

80	79	43
19	14	71
81	58	75
52	31	86

Find a subtraction fact.

**C**

80	83	19
79	44	90
72	66	34
68	84	60

Find a subtraction fact.

Equations:

Write the equation facts you found.

<b>A</b>	<b>86</b>	<b>-</b>	<b>78</b>	<b>=</b>	<b>8</b>
<b>B</b>		<b>-</b>		<b>=</b>	<b>19</b>
<b>C</b>		<b>-</b>	<b>19</b>	<b>=</b>	

Start with the number in the center and then either add or multiply.  
Look at the given sign in each puzzle to decide what to do.

**+**

**+**

**X**

**X**

**+**

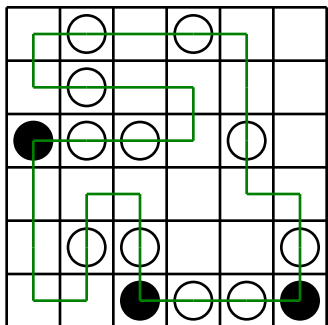
**+**

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

If it takes 1.7 yards of denim to make a pair of Levis in size 10, how much denim does it take to make 50 pairs of size 10 jeans?

Jenna wanted to clean out her fish tank. Her fish tank was 2.3 feet long, 1.7 feet deep and 1.4 feet wide. Eighty-nine percent of the volume of the tank was filled with water. What was the volume of the part of the tank that was not filled with water? Round your answer to the nearest hundredth.

Justin made cookies for Remembrance Day. He made  $1\frac{2}{3}$  dozen chocolate cookies, 2 dozen peanut cookies, and  $2\frac{1}{2}$  dozen oatmeal cookies. If he puts the same number of each cookie in each bag and has no cookies left over, what is the largest number of bags he can fill?

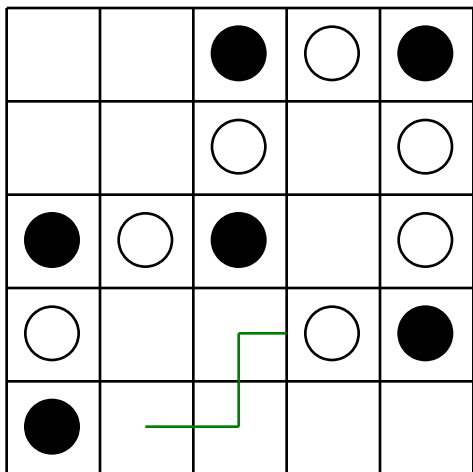


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

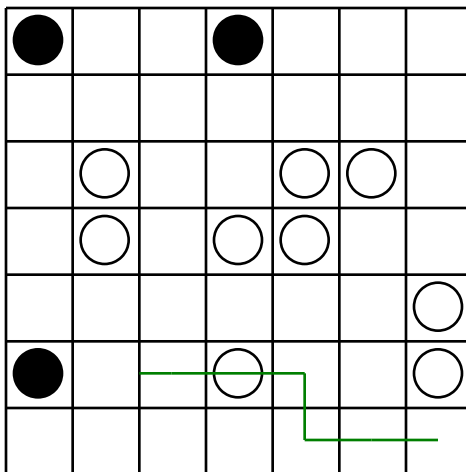
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

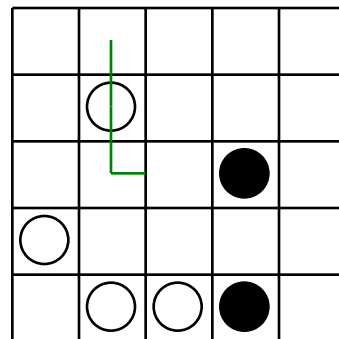
Finish the line:



Finish the line:



Finish the line:



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

$\begin{array}{r} 933 \\ - 582 \\ \hline \end{array}$	<p>Here is a pattern of letters:</p> <p style="text-align: center;">A R R R D A R R R D A R R R . . .</p> <p>What letter will be the 37th term in the pattern?</p>	$90 \div 10 = \underline{\hspace{2cm}}$
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$9 \times 4 =$	<p>Erin and Rosa are playing a number game. Erin says 11. Rosa replies that the answer is 9. Erin says 3. Rosa replies that the answer is 1. Erin says 10. Rosa replies that the answer is 8. Erin says 7. Rosa is thinking. What number should Rosa reply with?</p>
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$2 \times 5 = \underline{\hspace{2cm}}$	$\begin{array}{r} 382 \\ + 260 \\ \hline \end{array}$	<p>Ava rolls two dice. What is the chance of her rolling a 3 on one die and a 2 on the other die?</p> <p>_____</p>	$\begin{array}{r} 27 \\ + 27 \\ \hline \end{array}$
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$679 + 289 = \underline{\hspace{2cm}}$	<p>Rewrite these in increasing order of length:</p> <p>852 mm, 1 km, 469 dm, 63 m, 497 cm</p>
$12 \text{ km} = \underline{\hspace{2cm}} \text{ m}$	

$12 \div 4 =$	$44 \div 11 = \underline{\hspace{2cm}}$	$\begin{array}{r} 69 \\ - 59 \\ \hline \end{array}$	$35 \div 7 =$
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Name: \_\_\_\_\_

<p>You have four digits to use in an addition problem: 4, 1, 7, and 6. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?</p>	$174 + 844 = \underline{\hspace{2cm}}$
	<p>Write the numbers 20 to 40 on a sheet of paper. How many of these numbers are divisible by 3?</p> <p>_____</p>
	$12 \times 3 = \underline{\hspace{2cm}}$

<p>How many pounds are in 32 ounces?</p> <p>_____ pounds</p>	<p>Rosa makes a basket for every two attempts that she makes. Rose needs five attempts to make a basket. Each basket is worth 2 points. If they each make 30 attempts, then what is the score?</p>
$541 - 191 = \underline{\hspace{2cm}}$	

<p>In the number 670,065, the digit 5 is in what place?</p> <p>_____</p>	$6 \times 3 = \underline{\hspace{2cm}}$	$9 \times 12 = \underline{\hspace{2cm}}$
	<p>_____</p>	

<p>1 lb = 16 oz</p> <p>8 lb = _____ oz</p>	<p>What time is 17 hours after 5:00 a.m.?</p> <p>_____</p>	$36 \div 12 = \underline{\hspace{2cm}}$
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$6 \div 3 = \underline{\hspace{2cm}}$	$11 \times 3 = \underline{\hspace{2cm}}$
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Name: \_\_\_\_\_

9 • ÷ • 6 • 6 • 8 • 7 • 1 • ÷ • 2 • 1 • ÷ • 3 • 5 • 3 • x • 1 • =  
3 • 0

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

The puzzle grid contains the following elements:

- Row 1: 7, 2, ÷, [empty], =, 8
- Row 2: [empty], [empty], x, [empty], 4, 5, [empty], 9, =, 5
- Row 3: [empty], [empty], 9, 2, [shaded], 1
- Row 4: [empty], 3, ÷, 7, =, 9, 6, ÷, [empty], =, 1
- Row 5: x, [empty], [empty], [empty], [empty], [shaded], [empty]
- Row 6: 6, [empty], 1, 6, [empty], 8, =, [empty]
- Row 7: =, [empty], 7, [empty], [empty], 6, 4
- Row 8: [empty], 5, [empty], 5, =, [empty], ÷
- Row 9: 8, [empty], 7, [empty], [empty], 0, 4
- Row 10: =, [empty], 0, x, [empty], =, 0
- Row 11: 1, [empty], [empty], 2, [shaded], 6
- Row 12: [empty], [empty], [empty], [empty], [empty]
- Row 13: [empty]

$8,354 - 7,869 =$  \_\_\_\_\_

$(9 + 6) + 5 =$  \_\_\_\_\_



















For 62,305,654,644, write the digit that is in the hundred thousands place.  
\_\_\_\_\_

$6 \times 11 =$  \_\_\_\_\_

What number is halfway between 4 and 23?

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

Puzzle:

	13		13		63
					55
		13			59
	13		13		63
	13			13	64
56	56	71	62	59	+


Work Area:

	13		13		63
					55
		13			59
	13		13		63
	13			13	64
56	56	71	62	59	+

The sum for each column and row is given.



= \_\_\_\_\_

 = \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_

What is the greatest common factor of the numbers 60 and 48?

$$\frac{4}{9} \div \frac{2}{3} =$$

$$t - 6 + t = 32$$

What is the value of t?

Circle the percentage that is closest to 34 out of 76:

- 5%
- 82%
- 42%

If  $h = -5$  and  $a = 50$  then what is  $5h + 11a - 3a = ?$

If  $t = 8$  and  $c = -26$  then what is  $12t + 10c - 3c = ?$



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

Three thousand multiplied by ten raised to what power equals three million?

Nine multiplied by ten raised to what power equals ninety million?

Anne likes to make her own board games with special dice. In her latest creation, each die has 5, 7, 9, 11, 13, and 15. If you have to roll two of these dice for each move, what is the most likely outcome for your first move?

Emma has a robotic fly that with one charge can fly for 3 minutes and 10 seconds. It has to flap its wings 329 times per minute to stay in the air. How many times will it flap its wings during one flight after a full charge?

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

$$9 \div \frac{1}{4}$$

How many meters are there in 127 kilometers?

F, \_\_\_\_\_, G, N, H, Q,  
I, T, J, W

19, \_\_\_\_\_, 57, 76, 95,  
114, 133

It was 5 degrees above zero in the morning. By afternoon the temperature rose 24 degrees. How warm was it?

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

Circle the three numbers whose product equals 1,140.

10    11    6  
13    19    13  
20    23    16

Each side of a regular pentagon is 37.6 centimeters. What is the perimeter?

$$5 \times 5 \times 5 \times 5 = Z^y$$

What is the value of Z and y?

$$|-9| + d = 13$$

d =

Simplify.

$$\frac{14}{28} =$$

$$17c - 12.5 = 55.5$$

c =

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

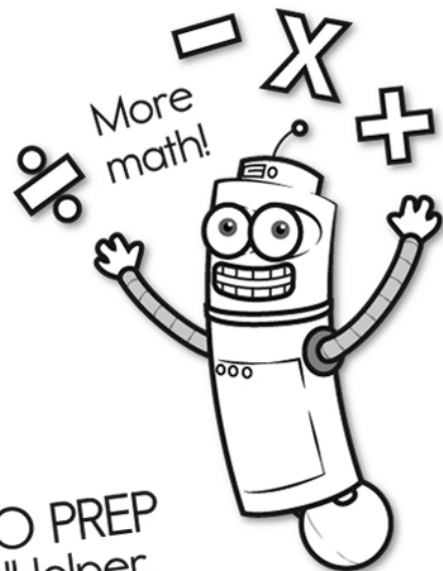
sum of 7 ↓	sum of 6 →							
	sum of 4 ↓	sum of 8 →						
		sum of 6 ↓					sum of 4 ↓	sum of 10 ↓
		2					sum of 8 →	
		2	sum of 9 ↓	sum of 9 →				
	sum of 7 →	2						
sum of 6 →							sum of 3 →	

$7 \times 9 =$ _____	Write this as a number in standard form. Use a comma in your number.  seven hundred thirty-four thousand seven hundred sixty-two  _____	$48 \div 6 =$ _____
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Erin rolls a die. What is the chance of her rolling a 3?  _____	Circle the smallest number: 84,697                      3,150,281,935 420,679                      4,087,651
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$69,716 - 63,241 =$ _____	What number is halfway between 14 and 24?
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$64,463 + 83,645 =$ _____	$7 \times 12 =$ _____
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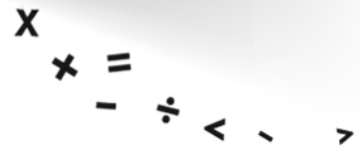
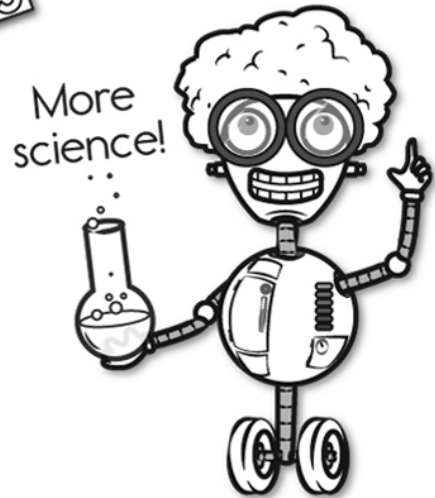
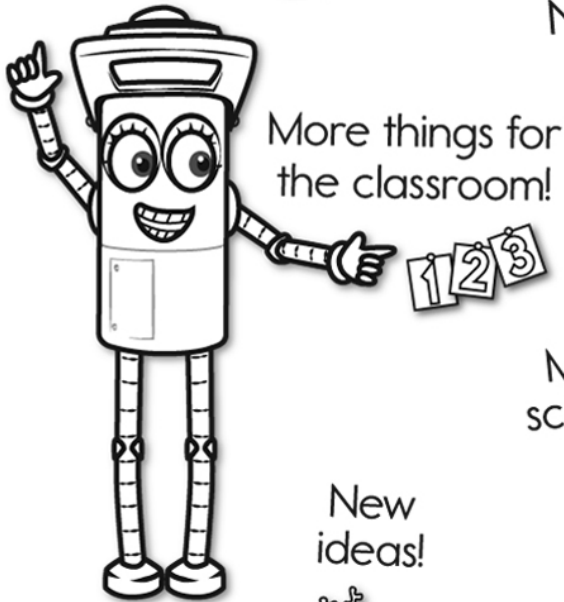


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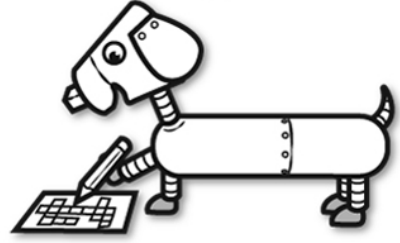


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