

Name: _____

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

START 3	3	5	6
2	2	4	3
7	5	6	2
9	1	1	FINISH SUM: 29

$3 + \underline{2} + \underline{2} + \underline{4} + \underline{3} + \underline{2} +$
 $\underline{6} + \underline{5} + \underline{1} + \underline{1} = 29$

START 12	1	1	10
6	13	14	5
15	18	10	FINISH SUM: 54

$12 + \underline{1} + \underline{\quad} + \underline{\quad} + \underline{\quad} =$
 54

START 7	8	9	7
8	6	8	9
6	7	6	6
9	9	7	FINISH SUM: 57

$7 + \underline{8} + \underline{6} + \underline{\quad} + \underline{\quad} + \underline{\quad} +$
 $\underline{\quad} + \underline{\quad} = 57$

START 4	7	1	5
7	4	9	7
2	1	3	8
8	2	5	FINISH SUM: 23

Did you find a path? Write the equation.

Name: _____

+		35	45			
3		38		37		
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
43	87	78				
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
13	57					
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>
	<u> </u> + <u> </u>	<u> </u> + <u> </u> 35	<u> </u> + <u> </u> 45	<u> </u> + <u> </u>	<u> </u> + <u> </u>	<u> </u> + <u> </u>

Change to a decimal.
1%

6 is what % of 12?

$$\frac{9}{21} = \frac{3}{?}$$

Name: _____

Mr. Martinez is growing melons on his high desert farm. He knows from experience that the melons will ripen well if they get no less than sixteen inches of rain during the growing season. This year it has rained eleven times. The amount of rain (in inches) that fell each time was: 2.1, 0.2, 2.2, 2.2, 1.3, 0.8, 2.8, 2.4, 1.5, 1.1, and 2.9. Is this enough rain to allow his melon crop to be successful?

Jason is making packages of baseball cards to give to his friends. He has 12 Mets cards, 42 Braves cards, and 28 Yankees cards. All the packages must have the same number of each team's cards, and there can be no cards left over. What is the greatest number of card packages Jason can make?

The sum of two numbers is $56\frac{1}{3}$.

If you take the first number and subtract it by the second, the difference is 23.

What are the two numbers?

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted can send 18 texts in 3 minutes. At precisely 6:20 and 0 seconds, Ted sat outside the school and started to send texts. He sent texts until 6:49 and 0 seconds when his phone ran out of power. How many texts do you think Texty Ted completed and sent?

Name: _____

$98,567 - 98,299 = \underline{\hspace{2cm}}$	Write this as a number in standard form. Use a comma in your number.
$11 \times 7 = \underline{\hspace{2cm}}$	three hundred fifty-seven thousand, nine hundred four _____

Maria and Rosa are playing a number game. Maria says 2. Rosa replies that the answer is 4. Maria says 7. Rosa replies that the answer is 49. Maria says 3. Rosa replies that the answer is 9. Maria says 12. Rosa replies that the answer is 144. Maria says 4. Rosa is thinking. What number should Rosa reply with?	$24 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
	$\begin{array}{r} 401 \\ - 151 \\ \hline \end{array}$

$\begin{array}{r} 231 \\ + 447 \\ \hline \end{array}$	In the number 939,645,033, the digit 4 is in what place? _____	$48 \div 6 = \underline{\hspace{2cm}}$
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$\begin{array}{r} 48 \\ + 39 \\ \hline \end{array}$	Rewrite these in increasing order of length: 595 cm, 741 mm, 176 m, 2 dm, 12 km	$6 \times 9 = \underline{\hspace{2cm}}$
		$40 \div 4 = \underline{\hspace{2cm}}$

$88 \div 11 = \underline{\hspace{2cm}}$	$24 \div 4 = \underline{\hspace{2cm}}$	$\begin{array}{r} 53 \\ - 39 \\ \hline \end{array}$	$7 \times 7 = \underline{\hspace{2cm}}$
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Name: _____

$(9 + 3) + 3 =$	How many inches are in 8 feet? _____ inches
-----------------	--

<p>Emma got a new soccer shirt. Can you guess the number on the back of her shirt?</p> <p>It has two digits. The digits add up to 6. One digit is 2 more than the other digit. The number is even. The number is greater than 25.</p>	$48 \div 4 =$ _____	<p>Four toys cost \$16. At that rate, what is the cost of 12 toys?</p>
	$4 \div 2 =$ _____	
	<p>Circle the addition property for $59 + 14 = 14 + 59$.</p> <p style="text-align: center;">associative property commutative property</p>	$6 \times 9 =$

<p>What time is 13 hours after 2:00 p.m.?</p> <p>_____</p>	$8 \times 8 =$ _____	<p>1 cm = 10 mm</p> <p>28 cm = _____ mm</p>
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<p>For 157,320,412,145, write the digit that is in the ten thousands place.</p> <p>_____</p>	<p>Mary is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. One digit in her number is nine. The ones digit is 8 more than the hundreds digit. The ones digit is 4 more than the tens digit. The three digits add up to fifteen.</p> <p>Are you going to get candy?</p>
$11 \times 5 =$	

$834 - 831 =$ _____

Name: _____

$4 \times 9 = \underline{\hspace{2cm}}$	Can 814 be evenly divided by 11? Circle: 814 is evenly divisible by 11 814 is NOT evenly divisible by 11	$4 \times 6 = \underline{\hspace{2cm}}$
		$8 \times 8 = \underline{\hspace{2cm}}$

The boys in your class each were given a ticket with a number on it. The numbers given out were: 21, 18, 1, 8, 35, 24, and 37. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 4?	Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 5, 4, and 7. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.
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$4 \times 9 =$	$16 \div 4 = \underline{\hspace{2cm}}$	$382 + 715 = \underline{\hspace{2cm}}$
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You are given four cards. One card has the number 2 on it, another card has a 5, another card has a 4, and the last card has the number 9 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?	Circle the smallest number: 36,028,947,065 92,031,084 156,748 256,973,548,791	$21 \div 7 = \underline{\hspace{2cm}}$
	$9 \times 2 = \underline{\hspace{2cm}}$	

Name: _____

4 • 1 • 8 • 8 • ÷ • 3 • 2 • = • 6 • ÷ • 4 • ÷ • x • 1 • 0 • 6
8 • 6 • 1 • 9

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

÷				=		4					
		1		9		=		9			
5		x				1		0		3	
				2						0	
		3						5		÷	
				6		x		3		=	
1				=				6		=	
x		9		=		7		2		÷	
9		0						4		=	
3		x		2		=				8	
				3		÷		3		=	
								9			

Erin is going to roll two dice.
What is the chance that her total
will be either 8 or higher on her
first roll?

Circle the greatest number:

73,637,590,842 145,208
4,916 36,950,827

Circle the digit in the tenths place.

37.8747

688 - 192 = _____

852 + 412 = _____

Name: _____

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

START 4	1	7	5
8	7	6	2
3	8	9	5
2	7	1	FINISH SUM: 69

4 + 8 + 7 + 8 + 7 + 1 +
9 + 6 + 7 + 5 + 2 + 5 =
69

START 7	15	1	1
15	7	6	19
13	1	17	FINISH SUM: 52

Did you find a path? Write the equation.

START 8	9	8	9
9	9	9	7
6	9	6	7
7	9	7	FINISH SUM: 81

Did you find a path? Write the equation.

START 7	9	6	1
9	2	2	5
5	5	8	3
1	8	4	FINISH SUM: 34

7 + ___ + ___ + ___ + ___ + ___ =
34

Name: _____

Find 2 equations hidden in each box. Good luck!

$11 + (7 - 4)$

11

8

$6 + 2 \times 11$

$(2 + 1) + 8$

$4 - 4 + 12$

$6 + 7 \times 11$

12

Write 2 equations: _____

$4 \times 3 + 3$

17

$12 - (3 + 2)$

$1 + (4 - 4)$

1

24

$8 + 8 \times 2$

14

Write 2 equations: _____

27

111

$10 + 5 + 2$

$1 + 11 \times 10$

$6 - 4 + 7$

9

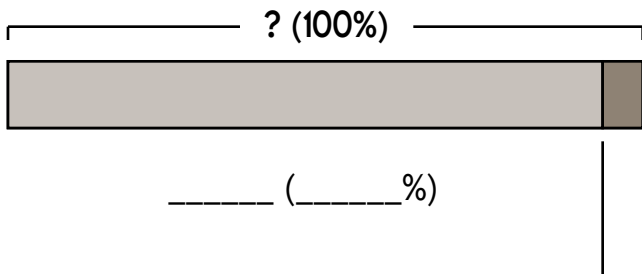
Write 2 equations: _____

Name: _____

Jessica practiced throwing softballs from third base to the first baseman. The first baseman caught her throw 80% of the time. What fraction of her throws did the first baseman not catch?

Mary took an exam with 40 questions. If she got 8 questions wrong, then what was her final grade?

Hint: The final grade is the percent of questions she got correct.



Emily made a new game app. She let people download the game, and they had to reply if they liked it or not. She was happy to find that 94% of the people liked the game. If 200 people liked the game, how many people downloaded the game?

There were 189 people at the fall fair, including 52 adults and 137 children. What percent of the people at the fall fair were not adults?



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

Rewrite $\frac{17}{100}$ as a decimal.

$$0.2 (0.7 (0.2 + 2)) =$$

$$2 \times 2 \times 2 \times 2 = Z^y$$

What is the value of Z and y?

$$\begin{array}{cccc} 3\frac{4}{5}, & 3\frac{3}{5}, & 3\frac{2}{5}, & 3\frac{1}{5}, \\ 3, & 2\frac{4}{5}, & 2\frac{3}{5}, & 2\frac{2}{5}, \\ 2\frac{1}{5}, & \text{_____}, & 1\frac{4}{5}, & 1\frac{3}{5}, \\ 1\frac{2}{5}, & 1\frac{1}{5}, & 1, & \frac{4}{5}, & \frac{3}{5} \end{array}$$

$$|-14| + b = 12$$

$$b =$$

$$y = x + 16$$

$$y = 21$$

What is the value of x?

$$|70| - [-55] =$$

$$12j - 22.3 = 53.3$$

$$j =$$

Simplify.

$$\frac{32}{36} =$$

If $t = 6$ and $v = -31$ then what is the value of s ?
 $5t - 14v - 3v = s$

The letter V has an unknown value. If you multiply V by six, the product is three. What value does V have?

66, 83, 100, 117, _____, 151,
168, 185, 202

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

6, 5, 5, 5, 6, 6, 6, 5, 5, 5, 6, 6, 6, 6,

6, 5, 5, 5, 6, 6, 6, 6, 6, 6, 6, 6, ____, ____, ____

4, 8, 8, 8, 4, 4, 4, 8, 8, 8, 4, 4, 4, 4,

4, 8, 8, 8, 4, 4, 4, 4, 4, 4, 4, 4, ____, ____, ____

Complete each pattern. Write what the rule is for each pattern.

(9,765,625), (1,953,125), (390,625), (78,125),

(15,625), (3,125), (625), (125),

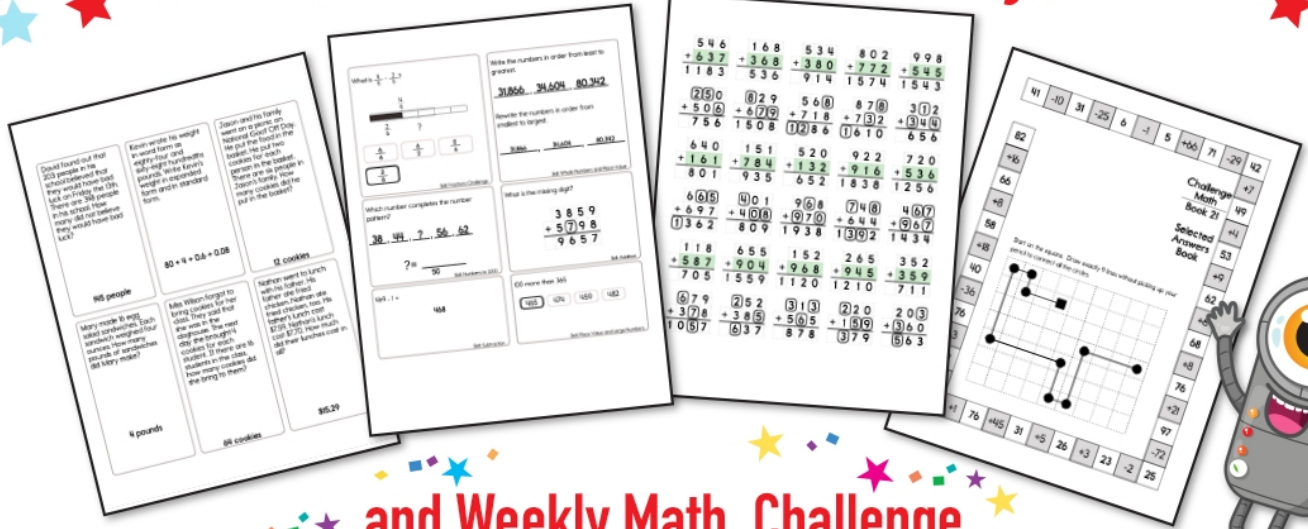
(25), _____

(6,973,568,802), (774,840,978), (86,093,442),

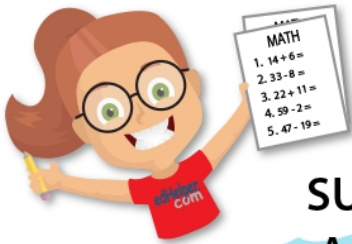
(9,565,938), (1,062,882), (118,098), (13,122),

(1,458), _____, _____

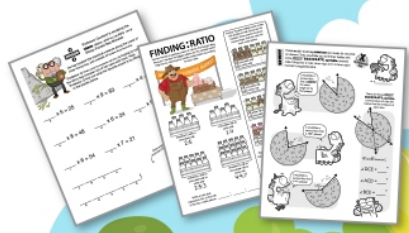
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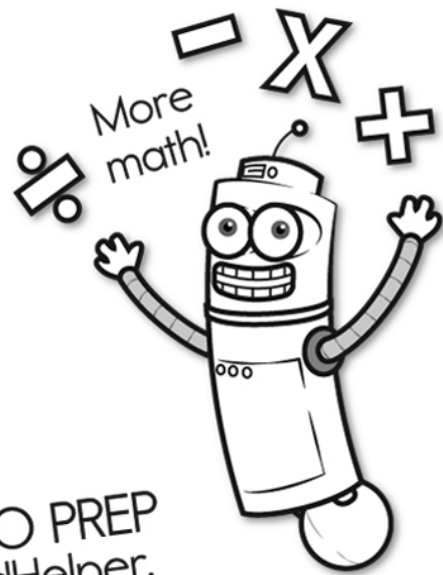
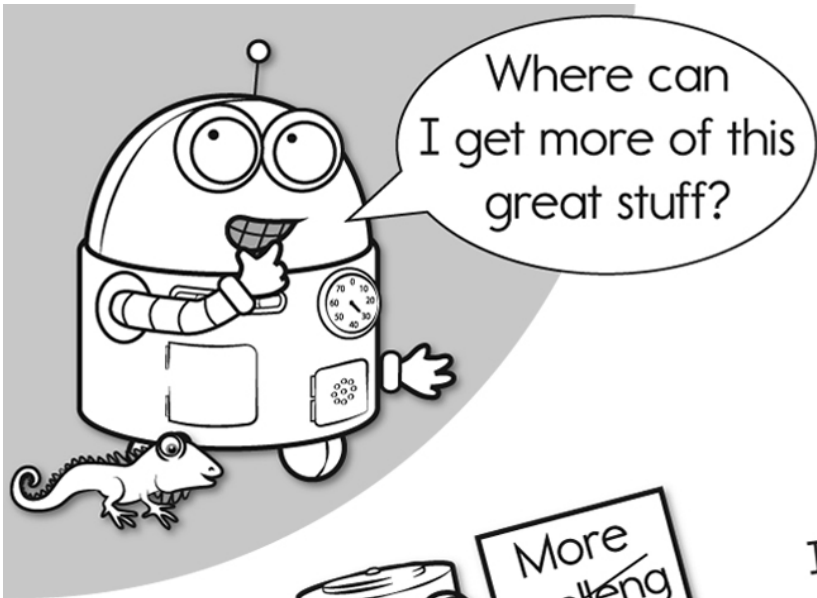
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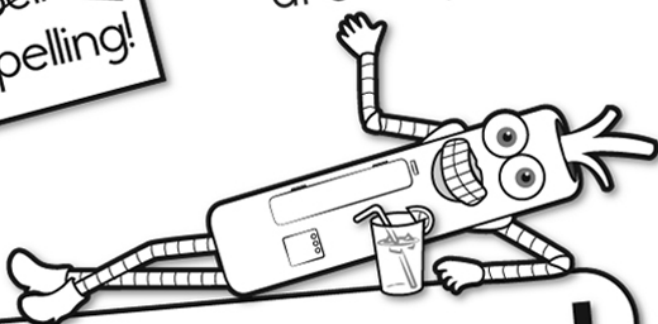


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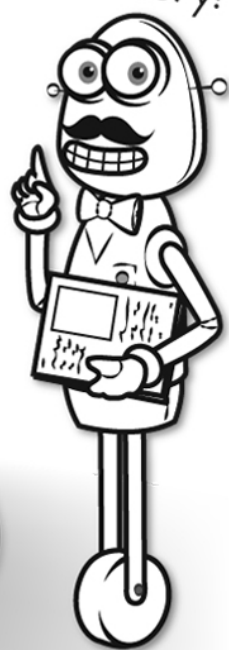


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More history!



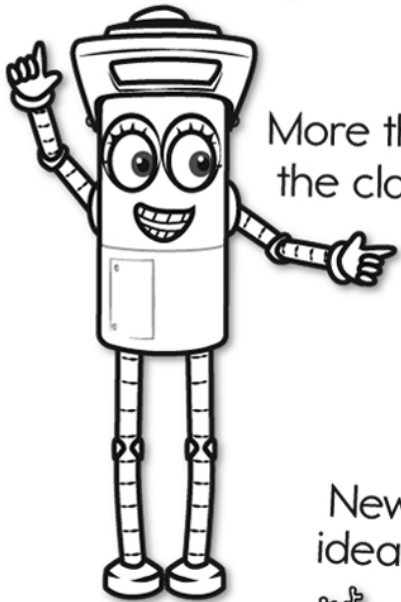
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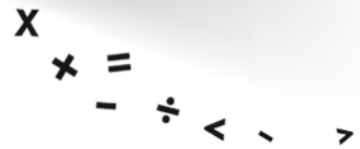
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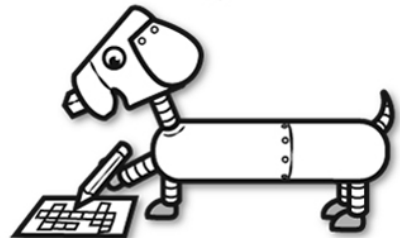
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