



Name: _____

Get a fidget spinner! Spin it.

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

You need to add what to 45 to get 51?

How many tens are in the number 80?

Is 11 a composite or a prime number?

What number is halfway between 38 and 46?

Which of the following is the greatest possible 2-digit number with all different digits?

$$678 + 8 =$$

5, _____, 41, 287, 293,
2051, __, __, __

$$7 \div \frac{1}{9}$$

The diameter of a circle is 500 cm. What is the radius of this circle?

What is 50% of 760?

Round 14,306 to the nearest thousand.

The perimeter of a rectangle is 18 cm. The longer side is 6 cm. How long is the shorter side?



Name: _____

Spin again.

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

double 50 =

$72 \div 8 =$

How many tens are in the number 43,000?

$10 \times 10 - 9$

How much greater is 180 than 38?

Sarah has 22 nickels. How much money is that?

144 divided by 12 equals

Write $\frac{8}{12}$ in lowest terms.

C, F, _____, L, O, R, U, X

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{2}{8}$ would go. Is $\frac{2}{8}$ closer to 0, $\frac{1}{2}$, or 1?

32 is a multiple of 4 and 8.

36 is a multiple of ____ and ____.

21 is a multiple of ____ and ____.

It's 8:00 a.m. Erin has soccer practice today. If practice starts at 3:25 p.m., then how much longer until soccer starts?



Name: _____

Get a fidget spinner! Spin it.

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

$$9 + 11 \times 10 \times 8$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 8 feet?

Pick the family fact that is missing.

$$144 \div 16 = 9$$

$$16 \times 9 = 144$$

$$9 \times 16 = 144$$

How much time is it from 9:00 a.m. to 11:30 a.m.?

Round the decimal 0.575 to the nearest hundredth.

How many meters are there in 57 kilometers?

1943, 3194, 4319, 9431, 1943,
3194, 4319, 9431, 1943, 3194,
_____, 9431, 1943, 3194

150, 160, 170, 180, _____,
200, 210

$\frac{1}{36}$, _____, (1), (6),
(36), (216), (1,296),
(7,776)

How much money is 1 quarter, 1 dime, 3 nickels, and 1 penny?

It was 9 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

$$3 \times 6 \div 6$$



Name: _____

Spin again.

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

A rectangle is 58 cm on one side and 7 cm on another side. What is the perimeter?

Estimate quickly the difference.
 $7,410 - 2,470$

$$9\frac{1}{5} + 3\frac{4}{5}$$

How many minutes is it from 8:00 a.m. to 10:35 a.m.?

How many centimeters in 820.9 meters?

The perimeter of a rectangle is 20 cm. The longer side is 6 cm. How long is the shorter side?

$$5\frac{3}{4} + 3\frac{3}{4}$$

It was 4 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

$$11 + 10 + 7$$

Circle the three numbers whose product equals 600.

7 5 10
6 10 11

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{9}{10}$ would go. Is $\frac{9}{10}$ closer to 0, $\frac{1}{2}$, or 1?

Round 83,281 to the nearest hundred.

Name: _____

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	4	8	
L	O	B	B	Y		

7

1		2		4		6		8		14		20
	A											

--

		1	2	4
A	W			

--

Make a Word

Sum

		1	2	4	6	10	16
E	V						

--

		1	2	4	6	10	16
T	O						

--

		1	2	4	6	8	12
	E						

--

Write this as a number in standard form.
Use a comma in your number.

nine hundred fifteen thousand eight
hundred seventy-two

26 km = _____ m

What time is 16 hours after
5:00 a.m.?

$$\begin{array}{r} 49 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 257 \\ + 487 \\ \hline \end{array}$$

In the number 299,137, the digit 7 is in what
place?

$$\begin{array}{r} 960 \\ - 658 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 39 \\ \hline \end{array}$$

Write 428,538 in words.

1 cm = 10 mm

20 cm = _____ mm

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

P		R			C	T			L
	T	S	L			G	H	T	L
R	R	T			S	L		S	S
T		B	P		T			N	T
		S		M		T		M	
	D	D	I	V	I	D	E	Y	
L	G	D		C		M		N	T
L	H	S		N	S	T		N	T
Y	D	V		D		C		N	T
	S	R	C	R			T		N

PATIENT • DOCUMENT • DECENT
CROUTON • TRIED • SLEIGHT
SOMETIME • PARTIALLY • DIVIDE
LOSS • INSTANT • ACTUAL

Circle the greatest number:

5,173,694

20,568

8,029

437,196,751,480

Holly has two favorite numbers. If you add her favorite numbers, you get 18. If you multiply her favorite numbers, you get 65. What are her mystery numbers?

How many millimeters are in 9 centimeters?

_____ millimeters

Write an equation to represent this:

The product of eleven and nine is ninety-nine.

Can 342 be evenly divided by 6? Circle:

342 is evenly divisible by 6

342 is NOT evenly divisible by 6

$7 \times 9 =$

Circle the digit in the hundredths place.

69.763

Name: _____

Jessica invented a robot. The robot's name is Jason. Jason can go a maximum speed of 4 mph. At that rate, how long would it take Jason to go 15 miles?

Can 708 be evenly divided by 8? Circle:
708 is NOT evenly divisible by 8
708 is evenly divisible by 8

If you multiply 246×918 , you will have a number that is how much bigger than 123×306 ?

- It will be six times as big.
- It will be nine times as big.
- It will be twice as big.
- It will be seven times as big.
- It will be four times as big.
- It will be eight times as big.

Jenna wrote down a fraction on a piece of paper. If you take her fraction and multiply it by seven you get ten. Can you guess what her fraction is?

Write a letter that has a line of symmetry.

$$12 \times 8 =$$

$$35 \div 5 =$$

$$21 \div 7 =$$

Which is the largest?

$$33.9 \div 5.1 \quad 33.9 \div 5.2 \quad 33.9 \div 5.3$$

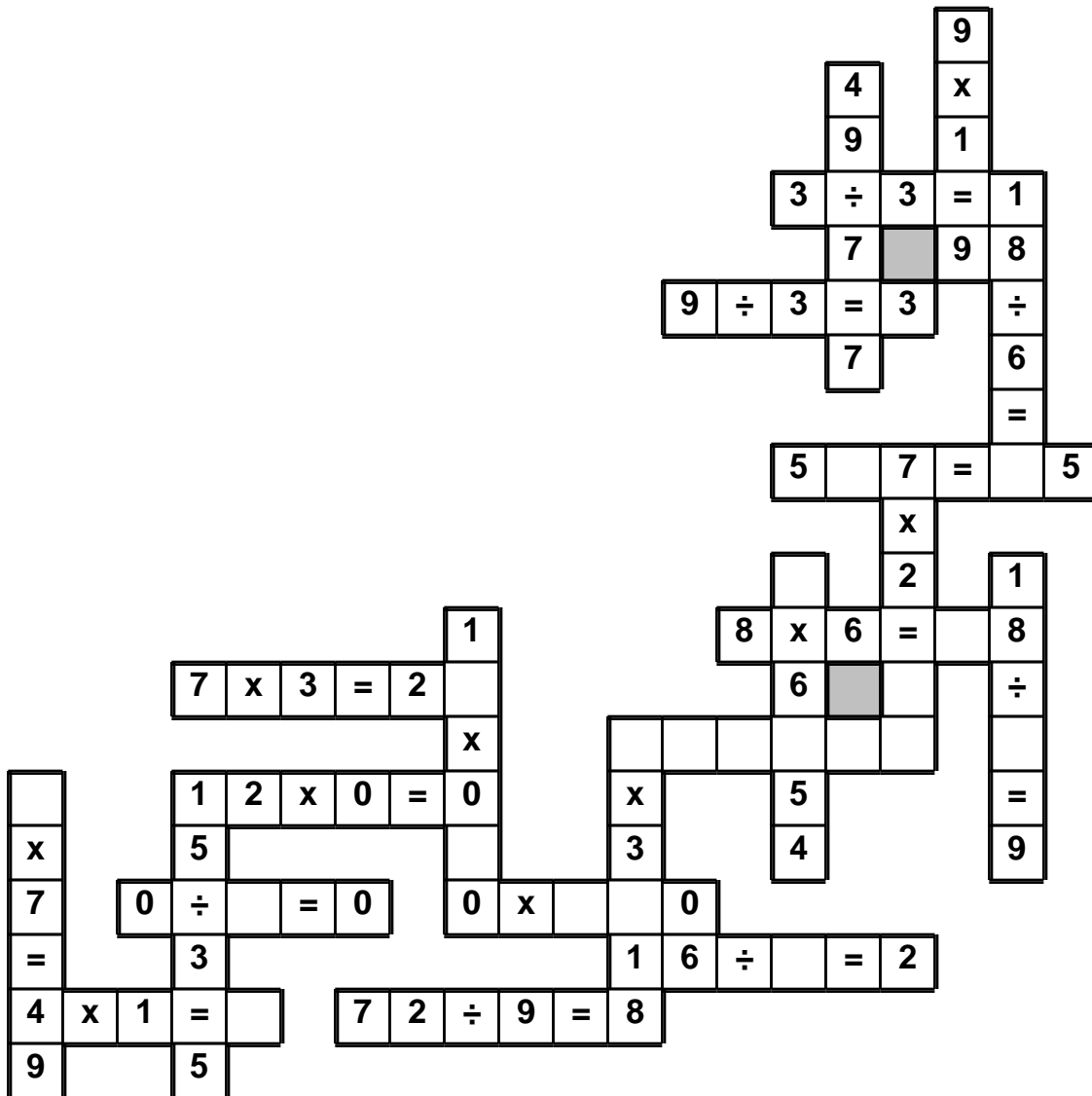
$$(8 + 9) + 7 =$$

Circle the correct answer.
I have often heard that it takes (to/two) to tango.

Name: _____

$x \cdot 3 \cdot 9 \cdot 4 \cdot 1 \cdot 1 \cdot 6 \cdot x \cdot 9 \cdot = \cdot 5 \cdot 4 \cdot 2 \cdot 7 \cdot = \cdot 6$
 $7 \cdot = \cdot 8 \cdot 4$

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



Emily wants to call Emma.
 Emma is on vacation in Asia.
 It is a time difference of ten
 hours. Emma's time is always
 later than Emily's time. If it is
 5:17 P.M. where Emily lives,
 then what time is it where
 Emma is?

For 1,591,306,130, write the
 digit that is in the hundred
 thousands place.

Name: _____

Four piggy banks contain a combination of dimes and nickels. Each piggy bank has fourteen, thirteen, ten, or eleven dimes. Each piggy bank also has seven, eleven, fifteen, or four nickels. Ryan, Alyssa, Timothy, and Megan are the owners of the piggy banks.

Figure out how many dimes and nickels each person has.

1. The person with \$1.30 worth of dimes is not the one with twenty cents worth of nickels.
2. Megan has more than \$1.10 worth of dimes.
3. If the number of dimes Ryan had were doubled, then the value of the dimes would be \$2.60.
4. The value of Alyssa's dimes is fifty-five cents more than the value of Alyssa's nickels.
5. Ryan has either thirty-five cents or twenty cents worth of nickels.
6. Timothy has a total of \$1.75.
7. The value of Timothy's dimes is twenty-five cents more than the value of Timothy's nickels.
8. Megan has either twenty cents or thirty-five cents worth of nickels.
9. The person with \$1 worth of dimes is not the one with thirty-five cents worth of nickels.

Ryan has _____ dimes and _____ nickels.

Alyssa has _____ dimes and _____ nickels.

Timothy has _____ dimes and _____ nickels.

Megan has _____ dimes and _____ nickels.

Write a letter that has two or more lines of symmetry.

$$8 \times 11 =$$

Name: _____

Justin lined up 13-inch long blocks next to each other. He had 27 of these blocks.

Now Billy wants to make the same length but use 9-inch blocks. How many 9-inch blocks will he need to use?

Anna has 55 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Name: _____

What is the value of the 2 in 76,512,948?

- 2 2,000 200,000,000
200,000

Skill: Whole Numbers

$$\frac{1}{4}, \frac{4}{8}, \frac{3}{4}$$

Rewrite the numbers in order from smallest to largest.

Skill: Fractions

0.01 is equal to

- $\frac{1}{10}$ $\frac{1}{1}$ $\frac{1}{100}$
 $\frac{1}{1000}$

Skill: Fractions and Decimals

Rewrite the fraction in simplest form.

$$\frac{15}{20} =$$

Skill: Basics of Fractions and Mixed Numbers

Megan has fourteen rocks. She divides them evenly into two boxes. How many rocks are in each box?

- seven twenty-eight
fifty-four sixty-three

Skill: Multiplying and Dividing by 1-Digit

What is the difference in simplest form?

$$\frac{7}{10} - \frac{1}{5}$$

- $\frac{4}{8}$ $\frac{1}{2}$

Skill: Fractions and Mixed Numbers (addition/subtraction)

What is the value of the 5 in 93.58?

- 0.5 50 0.0005 0.05

Skill: Decimals

Erin has fifty-five dollars and seven cents. How much is that?

- \$55.07 \$55.70 \$5,570.00

Skill: Adding Decimals

Name: _____

$$\begin{array}{r} 259 \\ + 276 \\ \hline \end{array}$$

$$\begin{array}{r} 1,223 \\ - 284 \\ \hline \end{array}$$

$$\begin{array}{r} 884 \\ - 470 \\ \hline \end{array}$$

$$\begin{array}{r} 941 \\ + 734 \\ \hline \end{array}$$

$$\begin{array}{r} 558 \\ + 703 \\ \hline \end{array}$$

$$\begin{array}{r} 1,139 \\ - 624 \\ \hline \end{array}$$

$$\begin{array}{r} 817 \\ + 726 \\ \hline \end{array}$$

$$\begin{array}{r} 1,224 \\ - 247 \\ \hline \end{array}$$

$$\begin{array}{r} 750 \\ + 464 \\ \hline \end{array}$$

$$\begin{array}{r} 512 \\ - 238 \\ \hline \end{array}$$

$$\begin{array}{r} 987 \\ + 181 \\ \hline \end{array}$$

$$\begin{array}{r} 1,080 \\ - 728 \\ \hline \end{array}$$

$$\begin{array}{r} 1,306 \\ - 828 \\ \hline \end{array}$$

$$\begin{array}{r} 220 \\ + 854 \\ \hline \end{array}$$

$$\begin{array}{r} 243 \\ - 123 \\ \hline \end{array}$$

$$\begin{array}{r} 623 \\ + 737 \\ \hline \end{array}$$

$$\begin{array}{r} 621 \\ + 539 \\ \hline \end{array}$$

$$\begin{array}{r} 1,672 \\ - 809 \\ \hline \end{array}$$

$$\begin{array}{r} 215 \\ + 263 \\ \hline \end{array}$$

$$\begin{array}{r} 608 \\ - 386 \\ \hline \end{array}$$

$$\begin{array}{r} 782 \\ + 625 \\ \hline \end{array}$$

$$\begin{array}{r} 973 \\ + 976 \\ \hline \end{array}$$

$$\begin{array}{r} 1,319 \\ - 885 \\ \hline \end{array}$$

$$\begin{array}{r} 780 \\ - 226 \\ \hline \end{array}$$

$$\begin{array}{r} 697 \\ - 524 \\ \hline \end{array}$$

$$\begin{array}{r} 974 \\ + 234 \\ \hline \end{array}$$

$$\begin{array}{r} 574 \\ + 543 \\ \hline \end{array}$$

$$\begin{array}{r} 1,753 \\ - 857 \\ \hline \end{array}$$

$$\begin{array}{r} 1,578 \\ - 853 \\ \hline \end{array}$$

$$\begin{array}{r} 519 \\ + 658 \\ \hline \end{array}$$

$$\begin{array}{r} 1,049 \\ - 110 \\ \hline \end{array}$$

$$\begin{array}{r} 380 \\ + 257 \\ \hline \end{array}$$

$$\begin{array}{r} 976 \\ + 756 \\ \hline \end{array}$$

$$\begin{array}{r} 409 \\ - 138 \\ \hline \end{array}$$

$$\begin{array}{r} 149 \\ + 497 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \square \end{array}$$

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

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

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

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

$$\begin{array}{r} 18 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \end{array}$$

Name: _____

$$8 \overline{) 4824}$$

$$7 \overline{) 4627}$$

$$9 \overline{) 820719}$$

100 divided by 10 equals

$$10 \div \frac{1}{3}$$

(390,625) , (78,125) ,
(15,625) , _____, (625) ,
(125) , (25) , (5)

A rectangle is 57 cm on one side and 12 cm on another side. What is the perimeter?

(256) , _____, (16) ,
(4) , (1) , $\frac{1}{4}$, $\frac{1}{16}$, $\frac{1}{64}$,
 $\frac{1}{256}$, $\frac{1}{1024}$

How many minutes is it from 7:00 a.m. to 11:30 a.m.?

130, 143, 156, 169, _____,
195, 208, 221

The diameter of a circle is 1,478 cm. What is the radius of this circle?





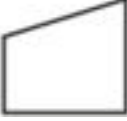
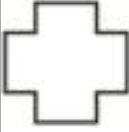





What is the area of a rectangle with sides 2 cm and 6 cm?

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

3	4	5	1	6	
6	1	2		4	
		1	5	3	4
				1	
		4			
1					

Each row, column, and box must have 6 different pictures.

Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

2	11
---	----

	3						5	
5					4			
		4				9	1	7
3			2					
8		6				2	4	
2			3			7		9
4		3			9			
	8			2			9	
	1	2	5			6		

$$-3 - 10 =$$

$$-5 - 3 - 2 =$$

$$-8 + 9 =$$

Name: _____

Each row, column, and box must have the numbers 1 through 9.

5	9							1
		4				6		
	6	3					9	5
	2	6					3	
7					9			
3		8		2	1			7
	3		8				5	
	8			6	3			
		5	4					

5, 7, 9, 11, 13, _____, 17

$$24 \div 4 + 12$$

A rectangle is 41 cm on one side and 13 cm on another side. What is the perimeter?

In each group, circle the word that is spelled correctly.
eeger, eager
picture, pickture
treatment, treetment

Circle the smallest number:

932,485

6,071

19,873,625

40,671,308,952

Name: _____

Can you guess the word?

No duplicate letters can be used.

H A B I L E

The letter H is in the word
and is in the correct spot.

P **R** A I S E

The letter R is in the word,
but R is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

P	A	N	D	E	R
H	E	R	O	I	C
C	O	U	R	S	E
B	F	G	J	K	L
M	Q	T	V	W	X
Y	Z				

Let's check if you guessed correctly. Look across or
down to find the correct answer.

C R I U P E R J K X D O E N O C R C D
P D R B D R C Z X C I X A C H E R L O
R R U R N G P H U Z L O U R C R R P R
N N H E R O I C H H E C C R P R E R N
S C E N P C X N S O U R C E A R R C C
C L S L R S H C A E R C P A N D E R P

Hint: There are no duplicate letters in the answer.

E X P O R T
O Y S T E R

A B C D F G H I J K L M N Q U V
W Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

X R T C K P T U F O T S E K E
D O T U R E E E L O Y R S H E
T F Q E F E J E W O N S P O S
S T O S X E Y S P T H P T H F
O T T S O P D E E Y E H E E O
N R E O T T O Z P T O T T T R
E O O S Y E R R O O P A F T T
N E R R R R R S T R X O O Y O

Hint: There are no duplicate letters in the answer.

E	N	R	I	C	H
S	U	B	T	L	E
A	D	F	G	J	K
M	O	P	Q	V	W
X	Y	Z			

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

R R R S I I C S L S T C P A I N E L C
S E R L X R A T U A N T R U B E N U T
T B X C L O P F T B T H S E R T R A A
U T S H L M T F A M T E T T N N S U L
R C R X U U N R U I J L S Z A R E T S
T A T S B E B H L E I S E T B B I J A
R V D E W S X E R Q Y S T T E A L C B
S S J I B U W B U N T E A U U R J E H

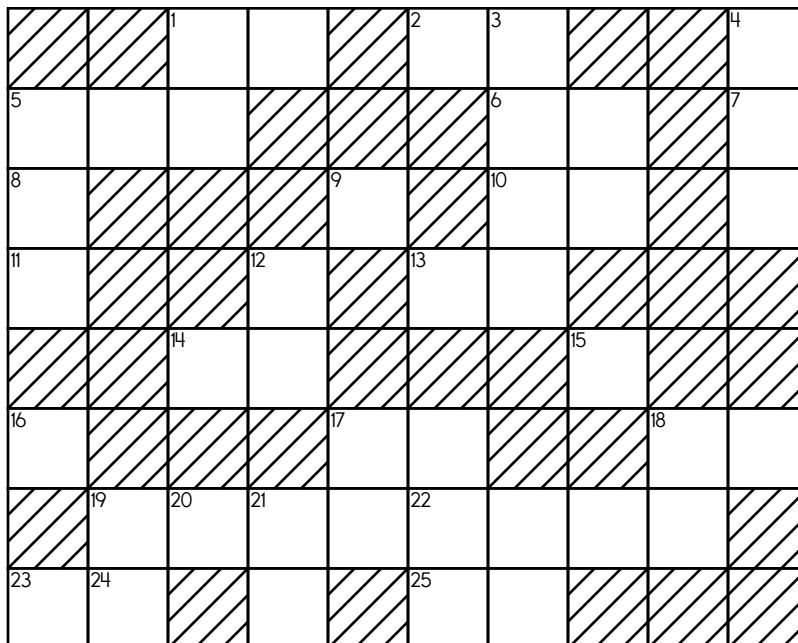
Name: _____

ACROSS

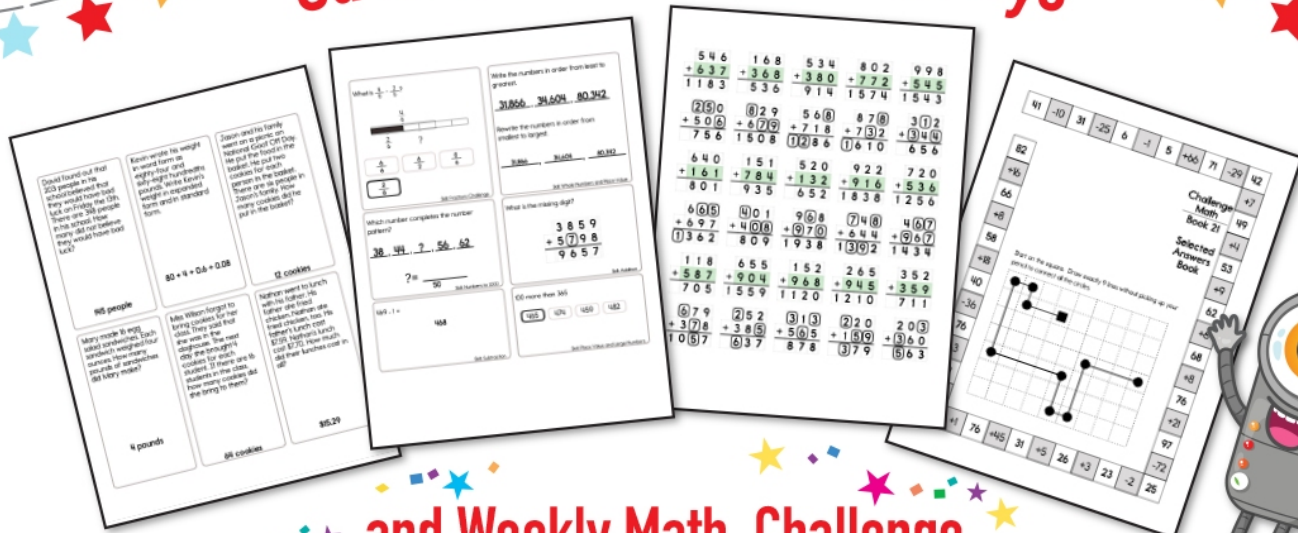
1. Nine less than 22-Down
3. How many factors does 12 have?
4. How many factors does 40 have?
5. 24-Down plus 6-Down
6. 1-Across plus 13-Down
8. How many factors does 4 have?
9. What is the greatest common factor of 26 and 32?
10. The factors of 44 are 1, 2, 4, __, 22, 44.
11. How many factors does 54 have?
14. Seven more than 17-Across
16. Nine less than 10-Across
17. **24**
18. The factors of 40 are 1, 2, 4, 5, 8, 10, __, 40.
19. Its digits total 32
20. six million, three hundred ninety-two thousand, six hundred thirteen
25. Five more than 14-Across

DOWN

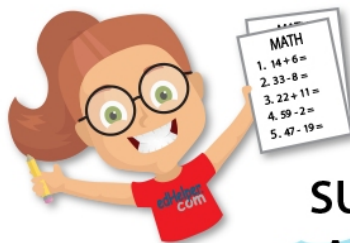
2. One-fourth of 17-Across
6. What is the lowest common multiple of 13-Down and 22-Down?
7. Five times 16-Across
11. What is the greatest common factor of 17-Across and 11-Across?
12. Seven times 8-Across
13. One-seventh of 21-Down
15. What is the lowest common multiple of 16-Across and 2-Down?
19. What is the lowest common multiple of 11-Across and 17-Across?
20. How many factors does 20 have?
21. 10-Across plus 17-Across
22. 23
23. One-seventh of 1-Across
24. How many factors does 51 have?



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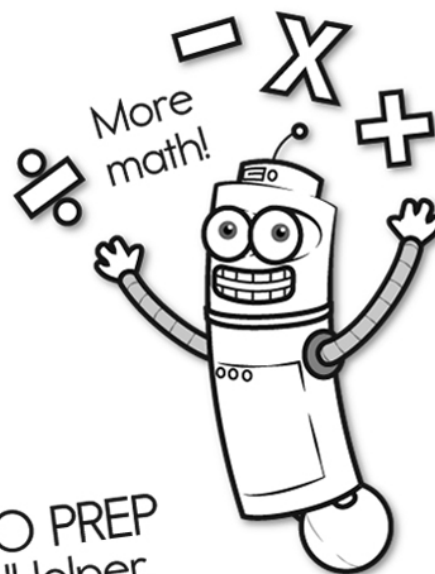
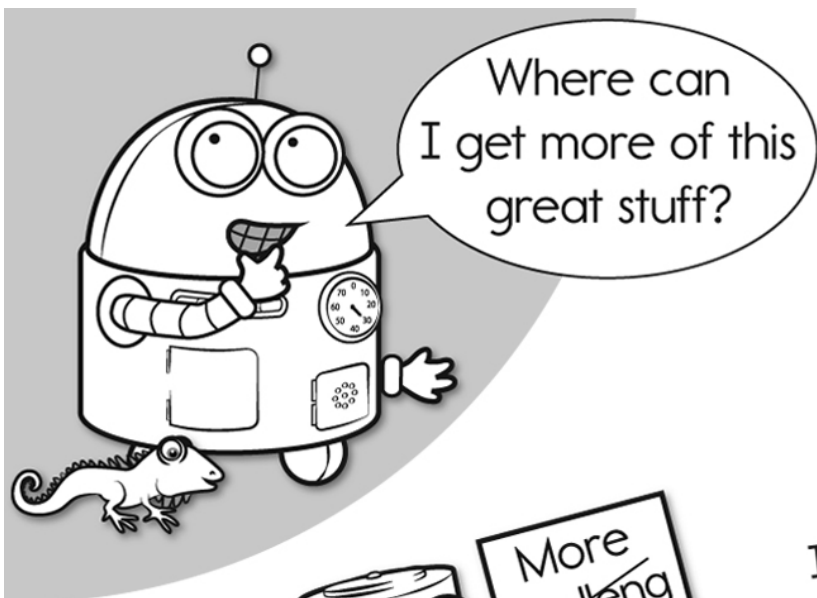
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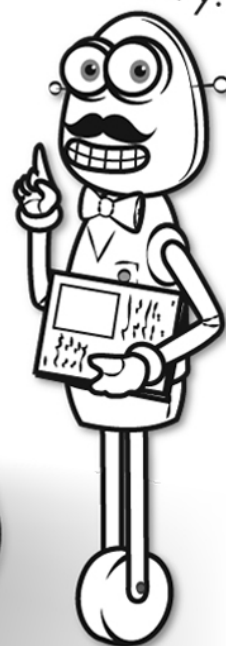


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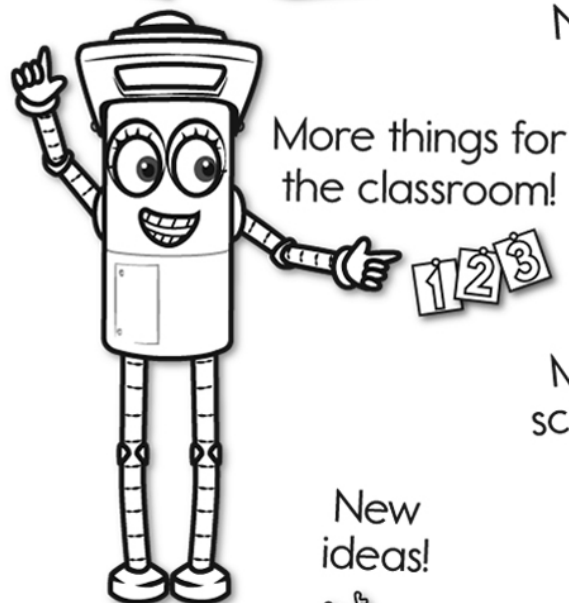
More history!



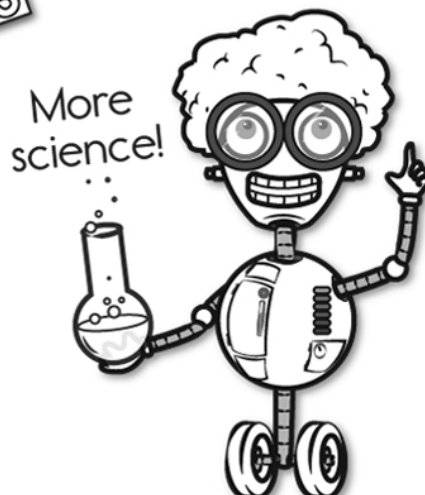
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