

Name: _____

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

A

78	21	7
- 27	72	83
16	53	64
17	25	73

Find a subtraction fact.

B

83	42	62
- 22	48	94
8	65	89
29	80	25

Find a subtraction fact.

C

96	16	19
- 54	47	81
36	26	59
72	90	14

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	78	-	25	=	53
B	94	-		=	
C		-		=	54

$\begin{array}{r} 423 \\ - 161 \\ \hline \end{array}$	Circle the addition property for $32 + 99 = 99 + 32$. commutative property associative property	Emily rolls a die. What is the chance of her rolling a 3? _____
$36 \div 4 = \underline{\hspace{2cm}}$	$9 \times 2 = \underline{\hspace{2cm}}$	$\begin{array}{r} 20 \\ + 43 \\ \hline \end{array}$
$3 \times 10 = \underline{\hspace{2cm}}$		

Name: _____

Fill in the blanks with >, =, or the < sign.

$8 \quad \underline{\quad} \quad -16$

$-5 \quad \underline{\quad} \quad 10$

$-36 \quad \underline{\quad} \quad -6$

$-50 \quad \underline{\quad} \quad -10$

Write the reciprocal.

$\frac{6}{19}$

Write the reciprocal.

17

Write the reciprocal.

$\frac{12}{1}$

The perimeter of a rectangle is 16 cm. The longer side is 5 cm. How long is the shorter side?

Estimate quickly the difference.
6,530 - 1,790

$24 \div 3 - 4$

$477 - 324 = \underline{\hspace{2cm}}$

$20 \div 4 = \underline{\hspace{1cm}}$

$18 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

Name: _____

Fill in the missing numbers.

$$17 - (-6) = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - (-4) = 19$$

$$\underline{\hspace{2cm}} + (-2) = 18$$

$$-16 - (-3) = \underline{\hspace{2cm}}$$

$$-18 - (\underline{\hspace{2cm}}) = -10$$

$$-24 + (\underline{\hspace{2cm}}) = -29$$

What is 50% of 972?

I, M, J, _____, K, S, L, V,
M, Y

(4,782,969), (531,441),
(59,049), (6,561),
(729), (81), (9), (1),
_____, $\frac{1}{81}$

$1 \times 1 + 11 \times 11$

How many centimeters in
2.5 meters?

A, F, K, _____, U, Z

$$49 \div 7 = \underline{\hspace{2cm}}$$

1 lb = 16 oz

15 lb = _____ oz

$$24 \div 2 = \underline{\hspace{2cm}}$$

Name: _____

Peter's Red Rover team won $\frac{2}{5}$ of the games they played at the park last week. If they won 8 games, how many games did they play?

4% of 100 is 4.
4% of 200 is 8.
4% of 500 is 20.
What is 4% of 600?

$$\begin{array}{r} 229 \\ + 281 \\ \hline \end{array}$$

What time is 13 hours after 4:00 p.m.?

How many kilograms are in 3,000 grams?
_____ kilograms

$12 \times 10 =$

You cannot decide what pizza store to go to. Maria's pizza cuts their pizza into 5 slices. Each slice costs \$3 each. Jessica's pizza cuts their pizza into 4 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?

$$\begin{array}{r} 29 \\ - 13 \\ \hline \end{array}$$

$24 \div 3 =$

$42 \div 6 = \underline{\hspace{2cm}}$

What number is halfway between 22 and 41?

Name: _____

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

□	D	J	□	C	T	□	V	□	B
□	R	P	□	□	P	L	□	M	D
C	□	M	M	□	N	□	D	□	□
□	T	□	N	V	□	N	T	T	Y
M	T	□	□	R	□	P	T	□	L
P	□	L	L	□	W	T	M	R	□
□	P	P	□	R	□	T	□	S	G
□	G	□	P	U	B	L	I	C	H
□	□	□	C	R	□	R	□	L	T
□	P	R	□	L	□	□	V	□	□

RURAL • ADJECTIVE • INVENT
PUBLIC • DAYLIGHT • PILLOW
APPARATUS • PEOPLE • MOTOR
RELIEVE • ERUPT • COMMON

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

$32 \div 8 = \underline{\hspace{2cm}}$

$6 \times 4 = \underline{\hspace{2cm}}$

$2 \times 6 = \underline{\hspace{2cm}}$

Can 612 be evenly divided by 6? Circle:
612 is evenly divisible by 6
612 is NOT evenly divisible by 6

$72 \div 9 = \underline{\hspace{2cm}}$

In the number 13,410,806,085, the digit 5 is in what place?

Name: _____

$846 + 772 = \underline{\hspace{2cm}}$	Here is a pattern of letters: M K K K M K K K M K K K ... What letter will be the 41th term in the pattern?
$10 \times 5 = \underline{\hspace{2cm}}$	

The product of two consecutive whole numbers is 72. What are the two consecutive whole numbers?	$50 \div 5 = \underline{\hspace{2cm}}$	$77 \div 11 = \underline{\hspace{2cm}}$
	$4 \times 9 = \underline{\hspace{2cm}}$	

Rewrite these in increasing order of length: 1 cm, 570 m, 49 km, 492 mm	$84 \div 12 = \underline{\hspace{2cm}}$
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Can 869 be evenly divided by 4? Circle: 869 is evenly divisible by 4 869 is NOT evenly divisible by 4	$318 + 466 = \underline{\hspace{2cm}}$
	$6 \div 3 = \underline{\hspace{2cm}}$

Name: _____

4 • 1 • 2 • 8 • 7 • x • 2 • 4 • 3 • x • 9 • = • 2 • 7 • 8 • 1 • 7
5 • 5 • =

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

The puzzle grid contains the following pieces:

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

Write an equation to represent this:
The sum of ten and twelve is twenty-two.

$9 \div 3 =$ _____

Emma makes a basket for every three attempts that she makes. Rosa needs eight attempts to make a basket. Each basket is worth 2 points. If they each make 96 attempts, then what is the score?

$28 \div 4 =$ _____

$108 \div 9 =$ _____

Circle the smallest number:

89,470,259

6,590,136

427,831

6,130,428,579

Name: _____

Complete each pattern. Write what the rule is.

216	198	180
162		126
108	90	
54	36	

Find the missing numbers.

If

$$1, 3 = 3$$

$$2, 7 = 14$$

$$3, 11 = 33$$

$$4, 16 = 64$$

Then

$$5, 20 = ?$$

If

$$3, 11 = 14$$

$$4, 15 = 19$$

$$5, 20 = 25$$

$$6, 25 = 31$$

Then

$$7, 28 = ?$$

Name: _____

X		7		7		
		35			50	
	__x__	__x 7	__x__	__x 7	__x__	__x__
6			72			
	6 x__	6 x 7	6 x__	6 x 7	6 x__	6 x__
		28		28		
	__x__	__x 7	__x__	__x 7	__x__	__x__
					120	144
	__x__	__x 7	__x__	__x 7	__x__	__x__
				42		72
	__x__	__x 7	__x__	__x 7	__x__	__x__
12	48				120	
	12 x__	12 x 7	12 x__	12 x 7	12 x__	12 x__
					100	
	__x__	__x 7	__x__	__x 7	__x__	__x__
				77		
	__x__	__x 7	__x__	__x 7	__x__	__x__

96,517 + 67,789 = _____		7 x 9 = _____	
55 ÷ 5 = _____	76,316 - 16,962 = _____		7 x 11 = _____



Name: _____

Can you guess the word?

No duplicate letters can be used.

G H O S T

The letter **G** is in the word
and is in the correct spot.

B **A** T H E

The letter **A** is in the word,
but **A** 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.

L U N C H

W H I T E

A B D F G J K M O P Q R S V X Y
Z

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

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

Hint: There are no duplicate letters in the answer.

W H E A T

T H I R D

B C F G J K L M N O P Q S U V X
Y Z

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

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

Hint: There are no duplicate letters in the answer.

B R A I N

A L T E R

C D F G H J K M O P Q S U V W X
Y Z

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

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

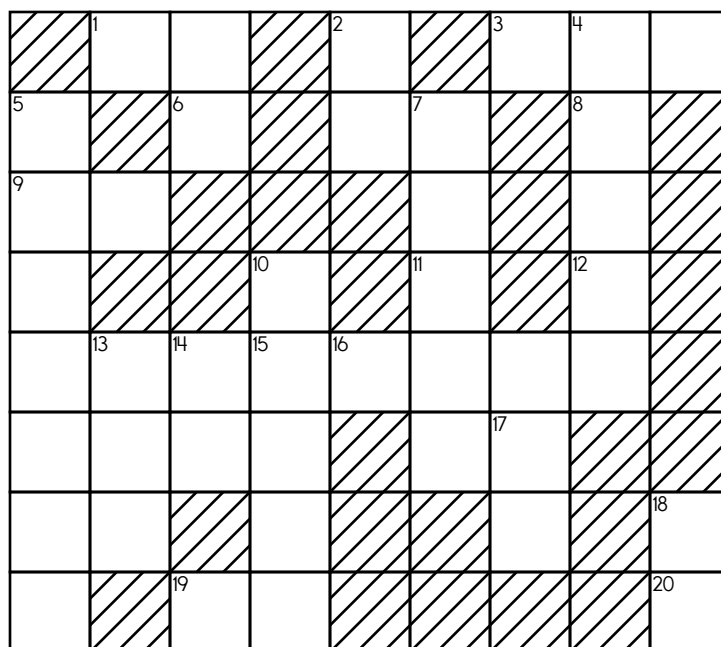
Name: _____

ACROSS

1. **4 + 15**
3. Nine times 1-Across
5. First composite number after 16-Down
6. What is the greatest common factor of 14-Down and 18-Across?
8. What is the greatest common factor of 17-Down and 16-Down?
9. What is the lowest common multiple of 19-Down and 1-Across?
11. How many factors does 25 have?
12. How many factors does 8 have?
14. Its digits total 24
15. the ones in 12-Across + the thousands in 10-Down + the tens in 4-Down + the ten thousands in 7-Down
18. One-fifth of 14-Down
20. 6

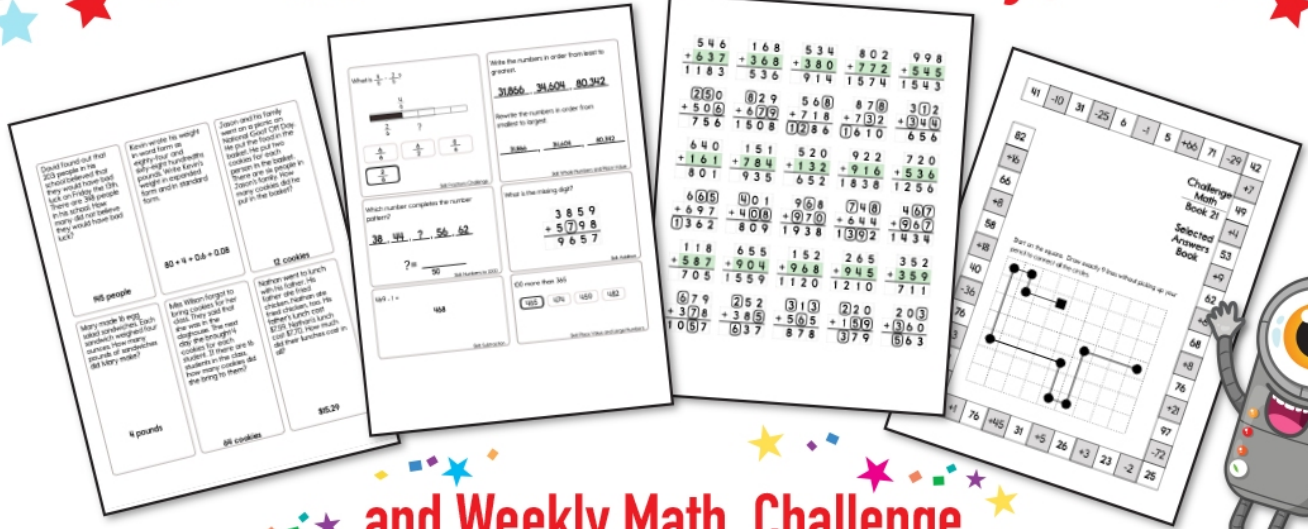
DOWN

2. What is the lowest common multiple of 20-Across and 17-Down?
4. the ones in 17-Down + the tens in 2-Down + the ten thousands in 10-Down + the thousands in 7-Down
5. eight million, three hundred fifty-two thousand, six hundred ninety
7. seventy-seven thousand, three hundred seven
10. Nine less than 7-Down
13. the ones in 12-Across + the hundreds in 10-Down + the tens in 2-Down
14. The factors of 50 are 1, 2, 5, 10, __, 50.
16. One-sixth of 2-Down
17. 14
19. What is the greatest common factor of 42 and 76?
20. How many factors does 12 have?

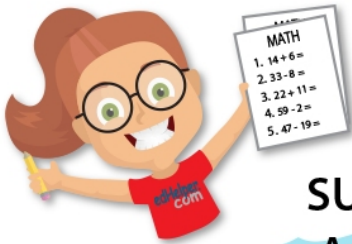


$18 \div 2 = \underline{\hspace{2cm}}$	$6 \div 2 = \underline{\hspace{2cm}}$
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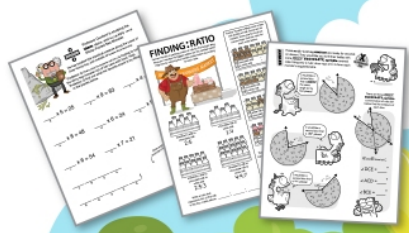
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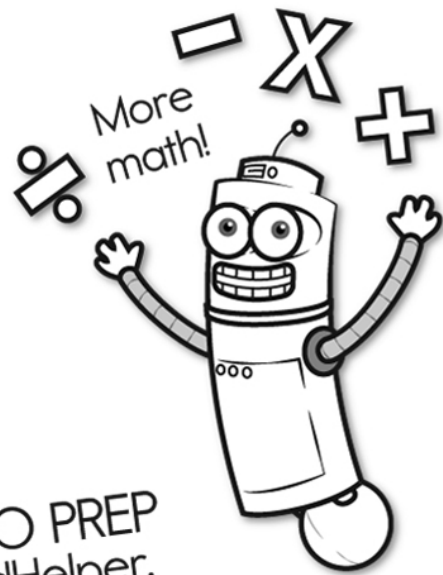
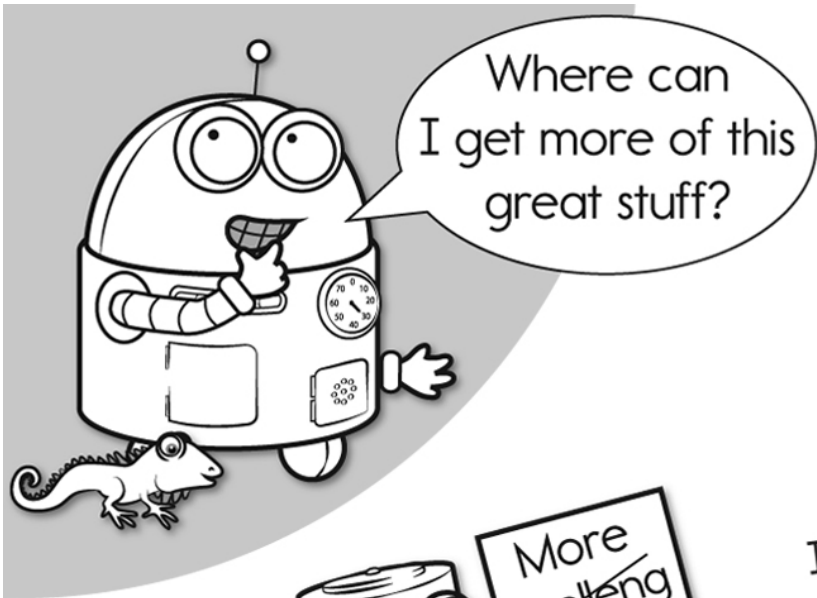
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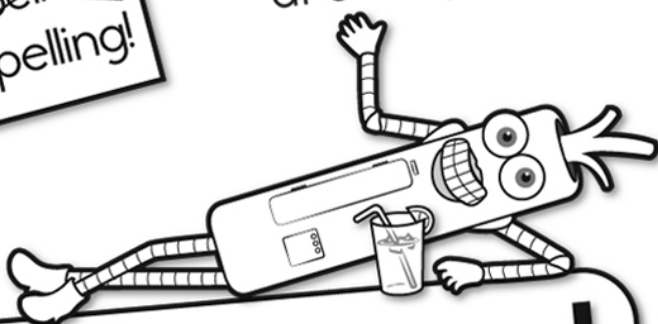


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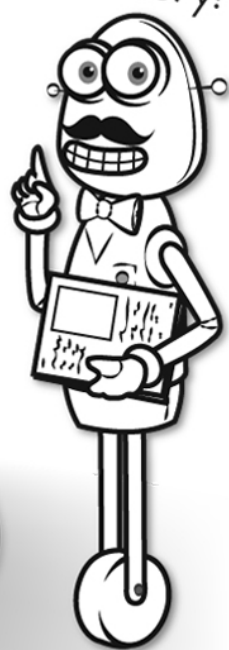


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More history!



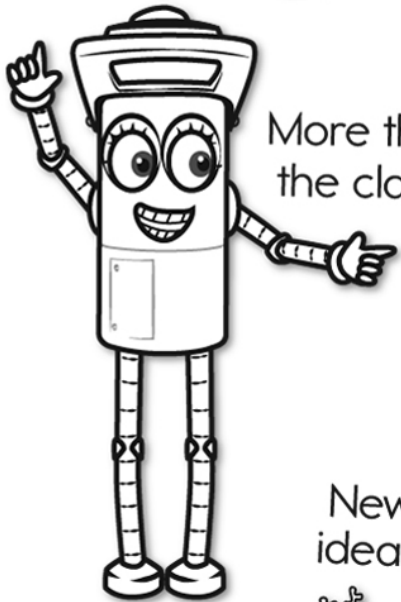
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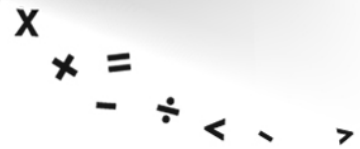
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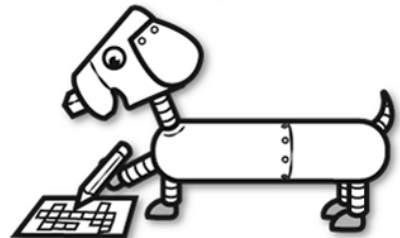
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