

[illegible]



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

How many tens are in the number 3,100?

A, F, K, \_\_\_\_\_, U, Z

You need to add what to 48 to get 56?

Name the shape with five sides and five angles.

The number 76 is more than the number 8 by how much?

Is 43 a composite or a prime number?

$$6 \times 9 + 9$$

$$(2 + 10) - 2$$

Pick the family fact that is missing.

$$144 \div 8 = 18$$

$$8 \times 18 = 144$$

$$18 \times 8 = 144$$

65653, 36565, 53656,  
65365, 56536, 65653,  
36565, 53656, 65365,  
56536, \_\_\_\_\_, 36565,  
53656, 65365

Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{6}{9}$  would go. Is  $\frac{6}{9}$  closer to 0,  $\frac{1}{2}$ , or 1?

(115,330,078,125) ,  
(7,688,671,875) , \_\_\_\_\_,  
(34,171,875) , (2,278,125) ,  
(151,875) , (10,125) , (675) ,  
(45)



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

Spin again.

I needed to spin \_\_\_\_\_ time(s) to finish.

100, 105, 110, 115, 120,  
125, \_\_\_\_\_, 135, 140

Which number is a 4-digit  
odd number?

At 1 p.m. today, Megan will  
not be able to use her  
electronics for 2 hours. At  
what time will she be able  
to resume using her phone?

Double the number 8 three  
times.

Round 66 to the nearest  
ten.

triple 70 =

Round 6,308 to the nearest  
thousand.

It was 6 degrees below  
zero in the morning. By  
afternoon the temperature  
rose 16 degrees. How  
warm was it?

Round 51,438 to the nearest  
hundred.

Erin has 42 cookies. She  
and her 6 friends shared  
them equally. How many  
cookies did Erin keep?

How many centimeters in  
5.7 meters?

The area of a rectangle  
is  $35 \text{ cm}^2$ . What could  
the length of the 4 sides  
be?

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

Mr. Hall is building a stage for the public speaking contest. The stage is  $20 \frac{3}{4}$  feet wide and  $15 \frac{3}{4}$  feet long. What is the area of the stage?

Rewrite these in increasing order of length:

895 km, 54 mm, 302 dm

Circle the greatest number:

3,406,519

8,726

43,590

938,154,027,716

1 lb = 16 oz

17 lb = \_\_\_\_\_ oz

24 cm = \_\_\_\_\_ mm

3 x 10 = \_\_\_\_\_

April is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The tens digit is 2 more than the units digit. One digit in her number is eight. The three digits add up to twenty. The hundreds digit is 3 more than the units digit.

Are you going to get candy?

$$\begin{array}{r} 26 \\ - 15 \\ \hline \end{array}$$

40 ÷ 8 = \_\_\_\_\_

How many millimeters are in 7 centimeters?

\_\_\_\_\_ millimeters

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

$6,979 - 4,584 =$ _____	$\begin{array}{r} 260 \\ + 262 \\ \hline \end{array}$	$12 \div 3 =$ _____
$72 \div 8 =$ _____		

Write 8,648,362 in words. _____	$\begin{array}{r} 40 \\ + 41 \\ \hline \end{array}$
------------------------------------	-----------------------------------------------------

Circle the smallest number: 670,314,829      365,902,814,798 70,234,561      1,579,830	$8 \times 10 =$ _____	$\begin{array}{r} 683 \\ - 342 \\ \hline \end{array}$
----------------------------------------------------------------------------------------------	-----------------------	-------------------------------------------------------

Gavin took three numbers greater than 1 and multiplied them. One number was six and the other number was twenty. Of course, he forgot the last number, but he remembered the product was 137. Is this possible?	$32 \div 4 =$ _____	$8 \times 7 =$ _____
	$66 \div 6 =$ _____	

If you divide 49 by 4, you get a remainder of 1. Make up three other different equations where you divide by 4 and get a remainder of 1.	$60 \div 10 =$ _____	$3 \times 10 =$ _____
	$12 \times 11 =$ _____	$11 \times 2 =$ _____
	$6 \times 2 =$ _____	

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

<p>Can 935 be evenly divided by 5? Circle:</p> <p>935 is evenly divisible by 5</p> <p>935 is NOT evenly divisible by 5</p>	<p>8 x 11 = _____</p>
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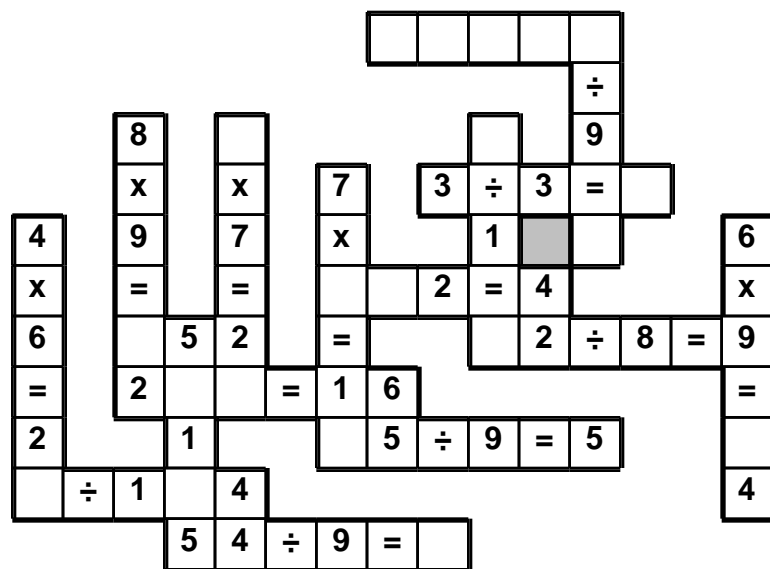
<p>Circle the digit in the tenths place.</p> <p>537.521</p>	<p>What is the largest possible product of a three-digit number and a two-digit number? Show the two numbers.</p>
<p>Write the numbers 25 to 55 on a sheet of paper.</p> <p>How many of these numbers are divisible by 5?</p> <p>_____</p>	

<p>8,364 + 6,851 = _____</p>	<p>Can 863 be evenly divided by 4? Circle:</p> <p>863 is evenly divisible by 4</p> <p>863 is NOT evenly divisible by 4</p>
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<p>681 - 213 = _____</p>	<p>9 x 9 = _____</p>	
<p>110 ÷ 11 = _____</p>	<p>Write an equation to represent this:</p> <p>The difference between thirteen and four is nine.</p> <p>_____</p>	<p>5 x 10 = _____</p>

$$\begin{array}{cccccccccccccccccccc} 0 & \cdot & x & \cdot & 9 & \cdot & = & \cdot & 0 & \cdot & 4 & \cdot & 7 & \cdot & 1 & \cdot & 0 & \cdot & 2 & \cdot & x & \cdot & 7 & \cdot & 7 & \cdot & x & \cdot & 8 & \cdot & 4 \\ 5 & \cdot & 4 & \cdot & = & \cdot & 6 & \end{array}$$

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



$$476 + 383 = \underline{\hspace{2cm}}$$

$14 \div 7 = \underline{\hspace{2cm}}$

$22 \div 11 = \underline{\hspace{2cm}}$

$$(4 + 7) + 2 =$$

$35 \div 7 =$

$9 \times 12 =$

Three girls ran a race.  
Amy was not as fast as Jenna.  
Jenna ran past Rose in the  
race and Rose never caught  
up.  
Who won the race? Do you  
have enough information to  
know?

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

Five leprechauns (Savannah, Courtney, Morgan, Mackenzie, and Abigail) are each different heights (3 feet and 9 inches, 3 feet and 6 inches, 3 feet and 3 inches, 2 feet and 9 inches, and 2 feet).

Figure out how tall each leprechaun is.

1. Mackenzie is the tallest leprechaun.
2. Savannah is shorter than Courtney and shorter than Abigail.
3. Morgan is taller than Courtney.
4. Courtney is not taller than Abigail.
5. Abigail is not taller than Morgan.

Savannah is \_\_\_\_\_ tall.

Courtney is \_\_\_\_\_ tall.

Morgan is \_\_\_\_\_ tall.

Mackenzie is \_\_\_\_\_ tall.

Abigail is \_\_\_\_\_ tall.

Write the missing family fact.

$$24 \times 5 = 120$$

$$5 \times 24 = 120$$

$$120 \div 24 = 5$$

\_\_\_\_\_

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

six hundred fifty-five thousand three  
hundred fifty-eight

\_\_\_\_\_

$$10 \times 12 = \underline{\hspace{2cm}}$$

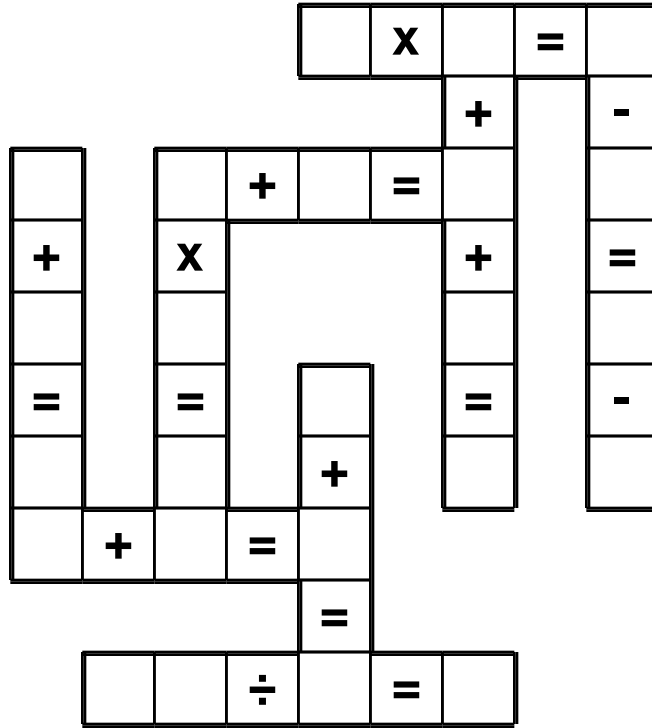
Amy rolls a die. What is the  
chance of her rolling a 1?

\_\_\_\_\_

$$6 \times 8 = \underline{\hspace{2cm}}$$



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



$10 \times 2 = \underline{\hspace{2cm}}$



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

# Can you guess the word?

No duplicate letters can be used.

G	R	A	I	N
---	---	---	---	---

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

D	I	R	T	Y
---	---	---	---	---

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

Q	U	I	L	T
C	O	V	E	T
C	H	E	S	T

A B D F G J K M N P R W X Y Z

--	--	--	--	--

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

H M I I R P E E W H C L O T Y Q Q I T  
I C C S T U E R H R U T W T I C Q I P  
T R P L Q R F T D I D S V T C N E L Q  
C S E U T H T T Q U L E C R E P T E D  
P T C H E S T C E U T I C Q I I W L S  
H S W S Q U I L T R C C Q C R E R E E

Hint: There are no duplicate letters in the answer.

D	R	O	V	E
S	T	O	L	E
A	L	O	N	E

B C F G H I J K M P Q U W X Y Z

--	--	--	--	--

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

A J O V G D B B F D D A O E G  
E L I Z L L D E L E W V Y A B  
V B O V O J O R T R S O E D O  
E C E N A O O B O I A A A O J  
E B O O E E N B E V Z E L L A  
E L E O L N A O E A E R O O C

Hint: There are no duplicate letters in the answer.

S	O	L	V	E
L	E	A	R	N

B C D F G H I J K M P Q T U W X

Y Z

--	--	--	--	--

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

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

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 4 in your head

add 1

add 5

Add the tens digit to the ones digit.  
Write the sum.

\_\_\_\_\_  
A

imagine 8 in your head

multiply 3

double it

subtract 8

Write the tens digit.

\_\_\_\_\_  
B

imagine 7 in your head

add 7

double it

add 8

Write the ones digit.

\_\_\_\_\_  
C

imagine 6 in your head

subtract 3

add 9

double it

subtract 6

Add the tens digit to the ones digit.  
Write the sum.

\_\_\_\_\_  
D

What is the sum?

A + B + C + D

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_t\_y

9 after 14 \_\_\_\_\_

7 before 18 \_\_\_\_\_

6 before 16 \_\_\_\_\_

7 after 11 \_\_\_\_\_

3 before 15 \_\_\_\_\_

8 before 13 \_\_\_\_\_

3 after 16 \_\_\_\_\_

5 before 12 \_\_\_\_\_

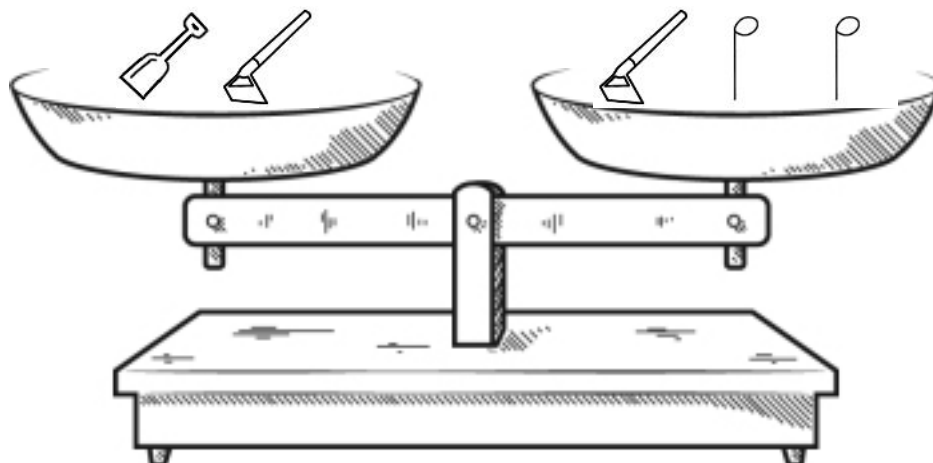
4 before 17 \_\_\_\_\_

8 after 18 \_\_\_\_\_

1 before 14 \_\_\_\_\_

2 before 11 \_\_\_\_\_

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



☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

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

### Sudoku Sums of 11

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 11.

Here is an example of a sudoku sum of 11:

2	9
---	---

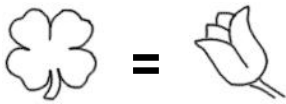
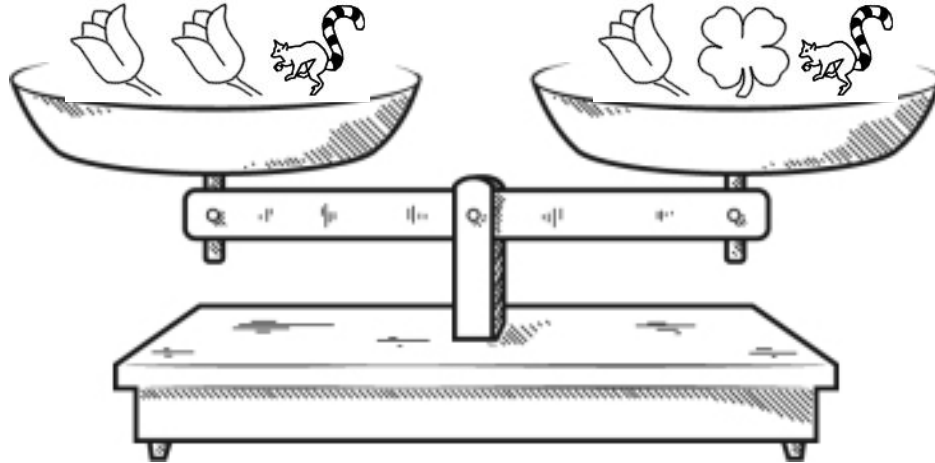
			3				4	
				9		2	1	6
6		1						
8		5			3			
								2
	4	3	6					
			9		6			4
	7	4	8				2	1
1		6	2		4			5

Sketch an obtuse angle  
named  $\angle BCD$ .

Sketch an obtuse angle  
named  $\angle ABC$ .

Sketch a right angle named  
 $\angle$

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



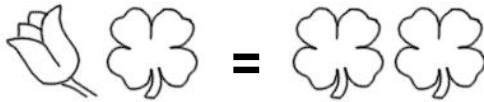
☐ True

☐ False



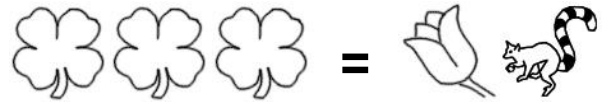
☐ True

☐ False



☐ True

☐ False



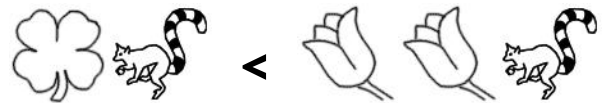
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that four are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

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

		+		+		x		=	
	B		A		A		?		53
+	B		A		C		C		14
-									
	C		C		A		A		27
=									
	15		9		1		4		

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$A + C - A = 1 \quad C + \_ + A \times A = 27$$

$$\_ + \_ + \_ \times \_ = 14 \quad \_ + \_ - \_ = 15$$

$$\_ + \_ - \_ = 9$$

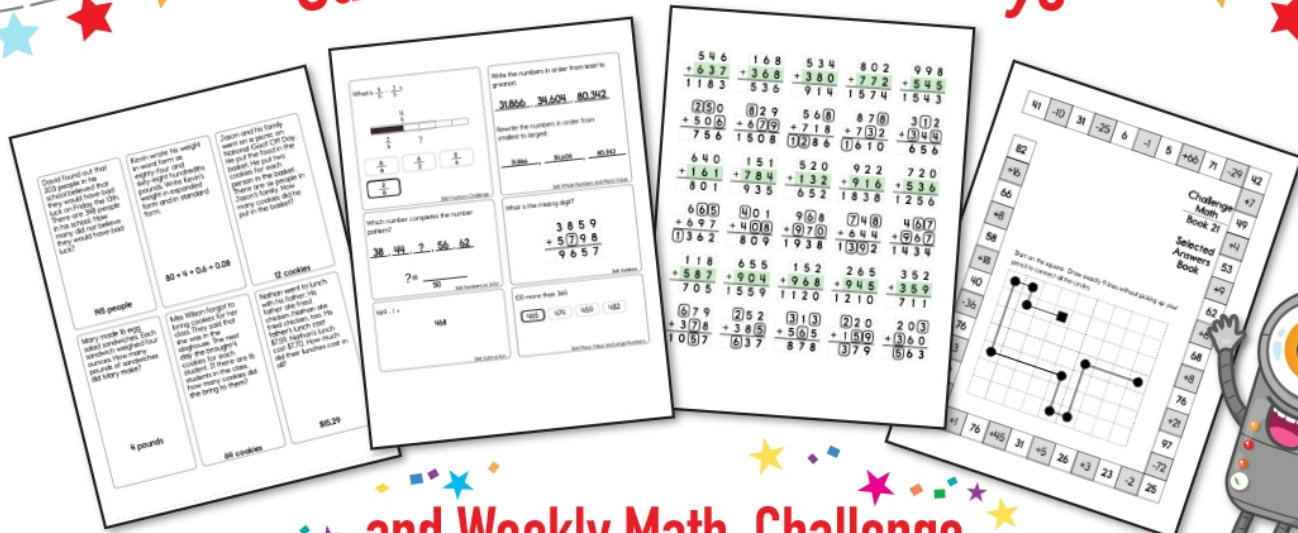
Additional hints:

$$B > 2 \quad A = C + 4$$

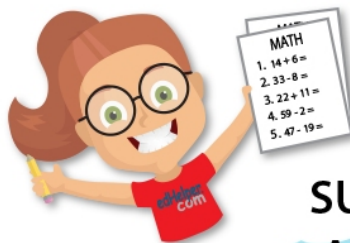
Solve:

$$? = \_$$

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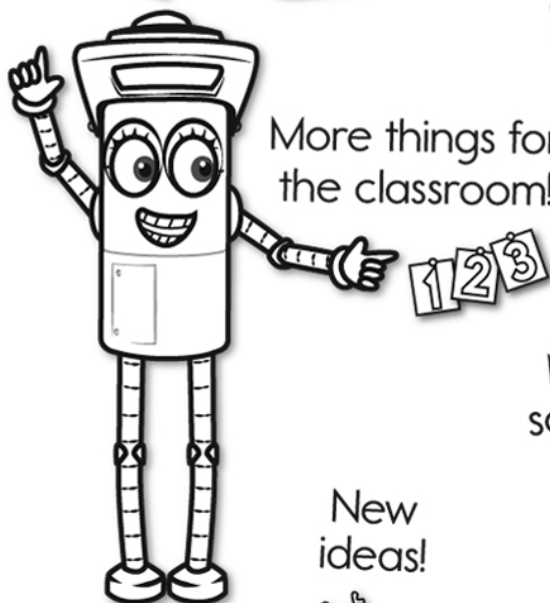


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$\times = \div < >$

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