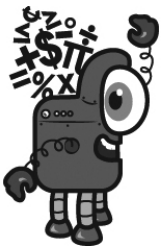
Name: _____

Mental Math — #1



☺ Start with the sum of 11 and 5. 16

☺ Multiply the tens digit by the ones digit. The product is your new number. _____

5 9 4 9 6 6 7 6 1 4 (Circle your answer to double check you are correct.)

☺ Increase that number by 24. _____

6 3 0 3 1 2 8 5 9 7

☺ Divide that number in half. _____

2 2 7 5 5 1 5 1 1 2

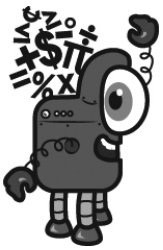
☺ Add the digits in your number. The sum of that is your new number. _____

5 7 9 3 7 5 3 2 6 8

☺ Triple that number. _____

1 8 3 1 9 5 5 7 8 0

Mental Math — #2



❍ Start with the number 538. _____

9 8 5 3 8 2 7 6 6 7 (Circle your answer to double check you are correct.)

❍ Round that number to the nearest hundred. _____

2 2 9 5 0 0 7 4 3 6

❍ Add the digits in your number. The sum of that is your new number. _____

4 4 3 5 8 4 5 0 6 5

❍ Add 4. _____

8 5 9 6 9 9 5 2 1 3

❍ Find the square root. _____

8 3 9 6 3 2 7 6 2 1

❍ Add 36. _____

9 3 9 1 1 1 6 1 4 5

Name: _____

Find the way from START to END by passing through EVERY number that is a multiple of five exactly ONCE. Cross off each box that is NOT a multiple of five. Yes, that means you have to go through ALL the multiple of five boxes. Wow!
You are not allowed to go diagonally. Good luck!

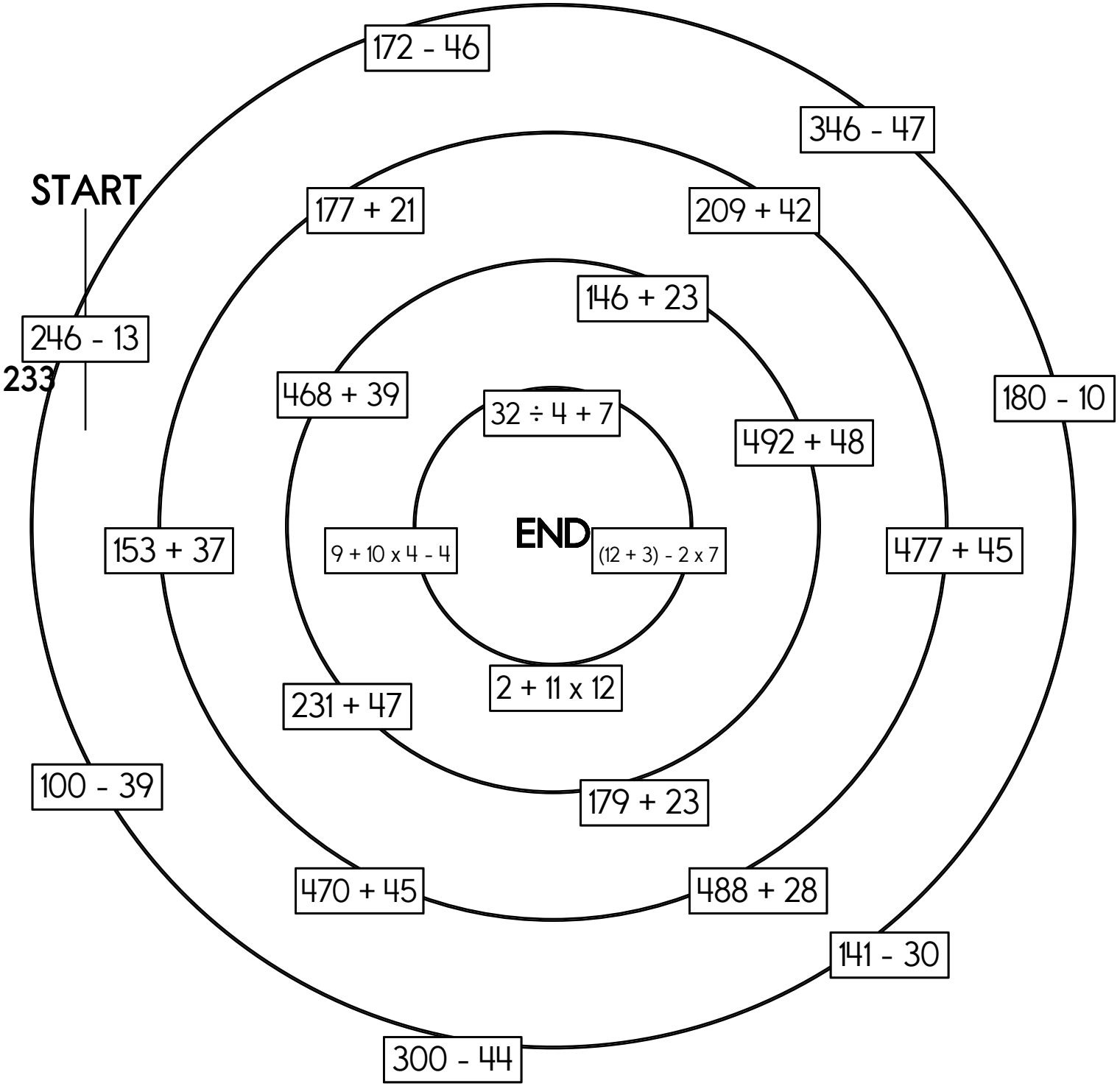
START	815	720	690	201	500	205	760	532	967
241	826	793	790	410	570	985	980	855	380
878	775	965	380	785	681	310	225	630	755
183	230	535	585	715	533	790	455	104	915
476	444	945	580	925	0	991	665	150	825
276	136	88	67	830	200	185	620	725	140
759	965	375	240	180	282	315	276	961	20
493	205	612	193	977	371	830	340	800	195
690	710	240	380	435	955	21	970	845	435
940	800	850	165	650	700	220	630	399	END

Name: _____

Draw a line from START to END.

278 45 ~~233~~ 522

Cross out the number you use above and then write it below.



Name: _____

The fourth grade students invited their parents to come to their classroom on Alexander Graham Bell Day to see their projects. Maria was making nametags for the parents. She needs 41 nametags. If she makes 3 nametags each day, how many days will it take her to make all the tags?

Queen Victoria lived 82 years after a reign of 60 years. Write the fraction of her life she spent as Queen of England as a fraction in simplest form.

60 ÷ 5 =

9 x 4 =

$$\begin{array}{r} 92 \\ -\ 11 \\ \hline \end{array}$$

1 kg = 1,000 g

13 kg = _____ g

Draw one line to find two words in each puzzle. The bold letters start each word.
You can move left, right, up, or down. Write the two words that you find.

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

_____ _____ _____

_____ _____ _____

6,855 + 1,745 = _____

Jenna rolls a die. What is the chance of her rolling a 5?

_____

Name: _____

9 x 6 =	28 lb = _____ oz	44 ÷ 11 = _____	
4 x 6 = _____	For 3,817,645,825, write the digit that is in the ten thousands place. _____	966 - 821	42 + 28
634 - 393 = _____	The letters E and X each have a line of symmetry. Name another letter between E and X that has a line of symmetry. _____		
Three girls ran a race. Anna ran past Sarah in the race and Sarah never caught up. Wendy was not as fast as Anna. Who won the race? Do you have enough information to know?	How many grams are in 5 kilograms? _____ grams		
Write the numbers 40 to 70 on a sheet of paper. How many of these numbers are divisible by 2? _____	120 ÷ 12 = _____	60 ÷ 6 =	
470 + 476	32 ÷ 8 = _____	Circle the digit in the hundredths place. 2,985.6277	

Name: _____

Write the missing family fact.

10 x 26 = 260
260 ÷ 26 = 10
26 x 10 = 260

_____

Jessica cannot open her locker. She knows that the three numbers are: 22, 9, and 4, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.

8 x 9 = _____

You cannot decide what pizza store to go to. April's pizza cuts their pizza into 8 slices. Each slice costs $4 each. Amy's pizza cuts their pizza into 6 slices. Each slice costs $2 each. If you like each pizza the same, which pizza store has the better buy?

2 x 11 = _____

Can 852 be evenly divided by 12? Circle:
852 is evenly divisible by 12
852 is NOT evenly divisible by 12

Circle the addition property for 72 + 113 = 113 + 72.

commutative property

associative property

2 x 6 = _____

16 ÷ 8 = _____

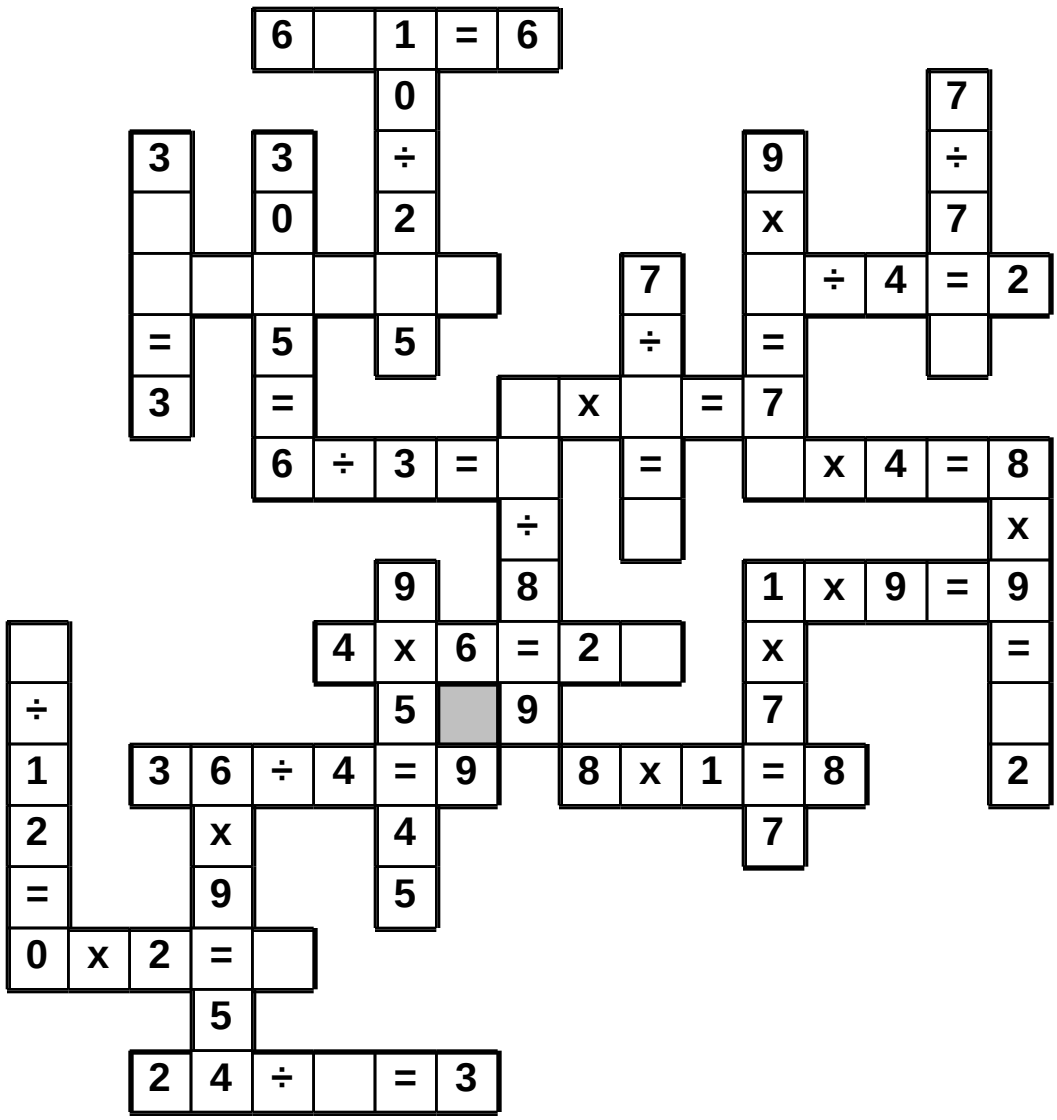
Megan is older than Anna. Megan is older than April. Who's the youngest?

45 ÷ 5 = _____

Name: _____

÷ • x • 1 • 5 • ÷ • 3 • = • 5 • 8 • 1 • 7 • 1 • 2 • 2 • 7 • 0 • 4
7 • 0 • 8

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



What time is 15 hours after 1:00 p.m.?

_____

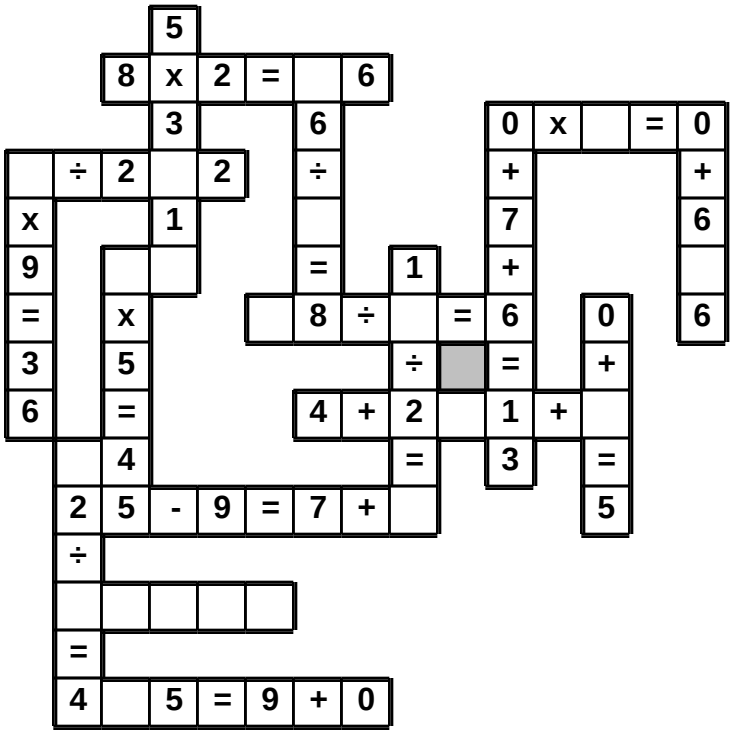
9,446 - 6,319 = _____

627 - 534 = _____

Name: _____

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

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



Circle the percentage that is closest to 28 out of 63:

80%
29%
59%
5%

0.2 (0.3 (0.2 x 5)) =

37, 51, 65, 79, _____, 107, 121, 135

Rewrite as an algebraic expression or equation.

Five more than j tripled is forty-two.

Simplify.

$\frac{9}{12}$ =

$6 \times 6 \times 6 \times 6 = Z^y$

What is the value of Z and y?

Name: _____

Draw a line to match each problem with the same answer.

36% of 150	25% of 128	65% of 120	95% of 200
12% of 200	60% of 40	100% of 190	75% of 104
92% of 25	90% of 60	85% of 80	17% of 100
64% of 50	20% of 115	20% of 85	34% of 200

What number is 615 less than 692?

$$\begin{array}{r} 7\ 1 \\ +\ 4\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ +\ 1 \\ \hline \end{array}$$

$0.18 \cdot 5 =$

8, 10, 12, 14, 16, 18, _____,

22, 24

$|-7| - a = 9$

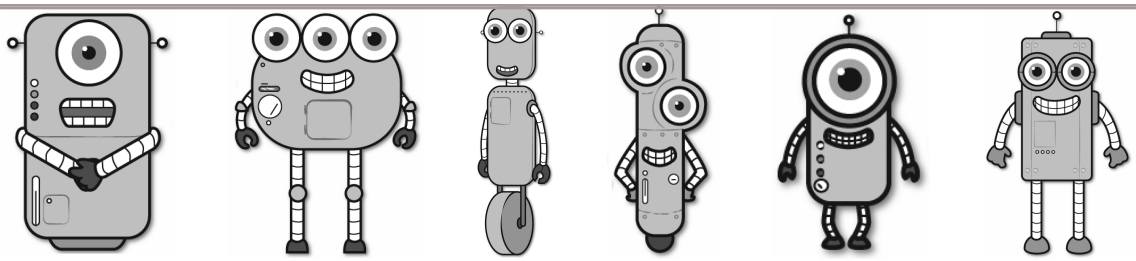
$a =$

Convert $50\frac{5}{6}$ to an improper fraction.

$t - 7 + t = 33$
What is the value of t?

$0.8\ (0.7\ (0.8 + 8)) =$

Name: _____



Facts

Holly is ten years older than Alex.

Mary is twenty-eight years older than Hannah.

Lucas is sixty-one years older than Hannah.

Connor is seven years older than Mary.

Hannah is seven years old.

Alex is four times as old as Hannah.

How old is Hannah? _____

How old is Mary? _____

How old is Connor? _____

How old is Alex? _____

How old is Holly? _____

How old is Lucas? _____

In the number 402,849,371, the digit 0 is in what place?

_____

21 ÷ 3 = _____

Name: _____

Sudoku Sums of 12

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 12.

Here is an example of a sudoku sum of 12: | 7 | 5 |

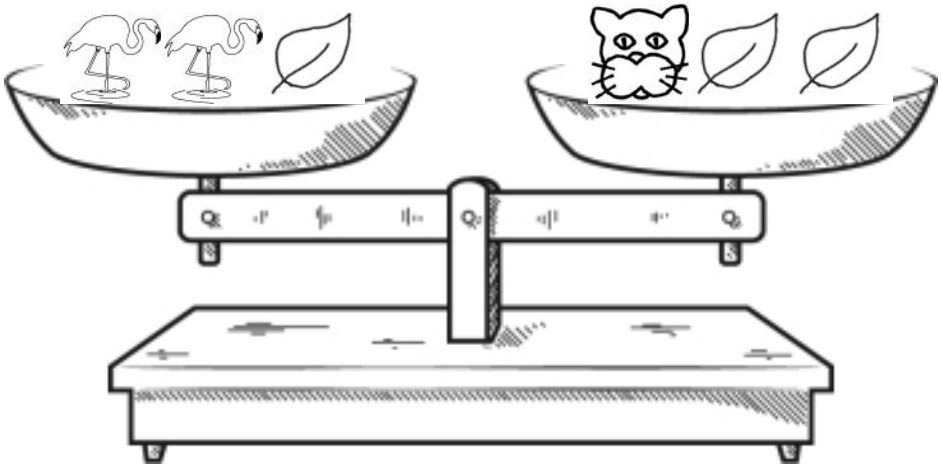
3		7				2		6
		4	2	3	7			
	2	1						4
		6		9		8	4	
			1	2		3		
5		2						9
6			5		8	1	2	
	4							3

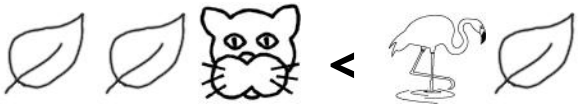
Find 5% of 160.

$$\begin{array}{r} 57,132 \\ -\ 42,515 \\ \hline \end{array}$$

Reduce $\frac{39}{51}$ to its lowest terms.

Name: _____

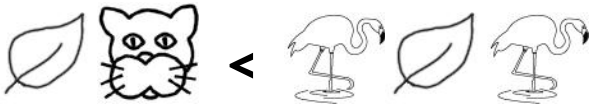




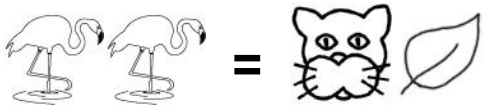
☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

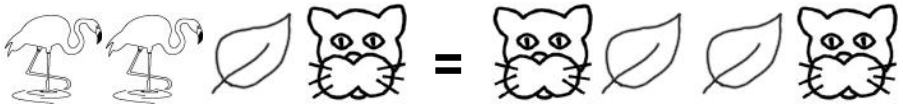


☐ True ☐ False



☐ True ☐ False

☐ True ☐ False



☐ True ☐ False

☐ True ☐ False

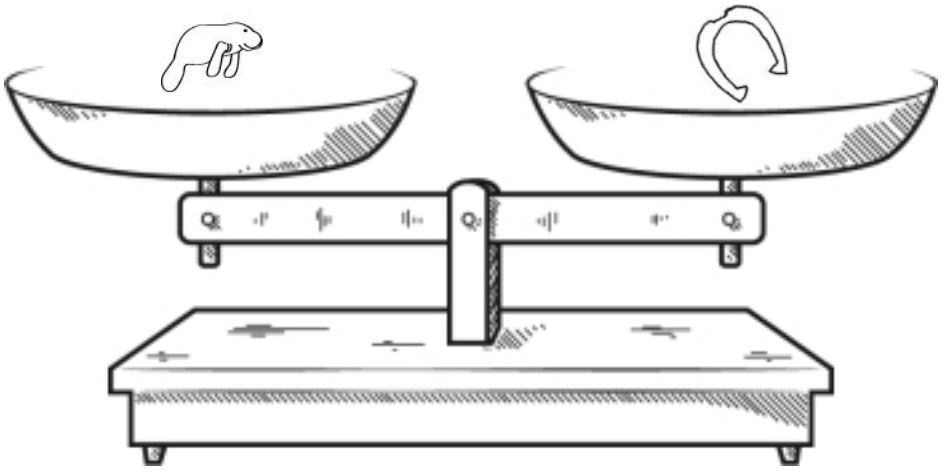
Did you find that four are true? If not, look again!

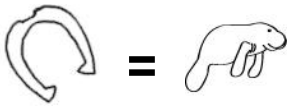
Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

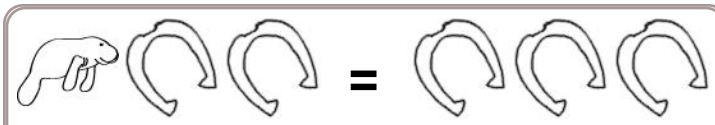
word root **later** can mean **side** **bilateral, laterally, unilateral**

Name: _____



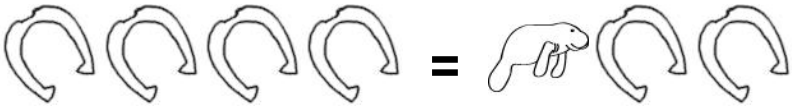
 ☐ True ☐ False

☐ True ☐ False

 ☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

 ☐ True ☐ False

Did you find that two are true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

Write as a decimal.

$8\frac{1}{100}$

Write as a decimal.

$\frac{7}{10}$

Write as a decimal.
Nine and eighty-six hundredths

Name: _____

Can you guess the word?

No duplicate letters can be used.

D	I	R	T	Y

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

C	R	A	S	H

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.

W	R	O	N	G
G	R	O	U	P

A B C D E F H I J K L M Q S T V X Y Z

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

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

Hint: There are no duplicate letters in the answer.

V	E	N	O	M
C	R	A	V	E

B D F G H I J K L P Q S T U W X Y Z

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

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

Hint: There are no duplicate letters in the answer.

L	E	A	R	N
B	L	U	N	T

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

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

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

Name: _____

Sudoku Sums of 8

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 8.

Here is an example of a sudoku sum of 8: 1 7

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

Find the difference between 863 and 138.

$$\begin{array}{r} 13.4 \\ +\ 6.85 \\ \hline \end{array}$$

Change 5% to a decimal.

Name: _____

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

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

Change to percents.

$\frac{5}{10}$ =

$\frac{86}{100}$ =

$\frac{26}{100}$ =

$\frac{30}{100}$ =

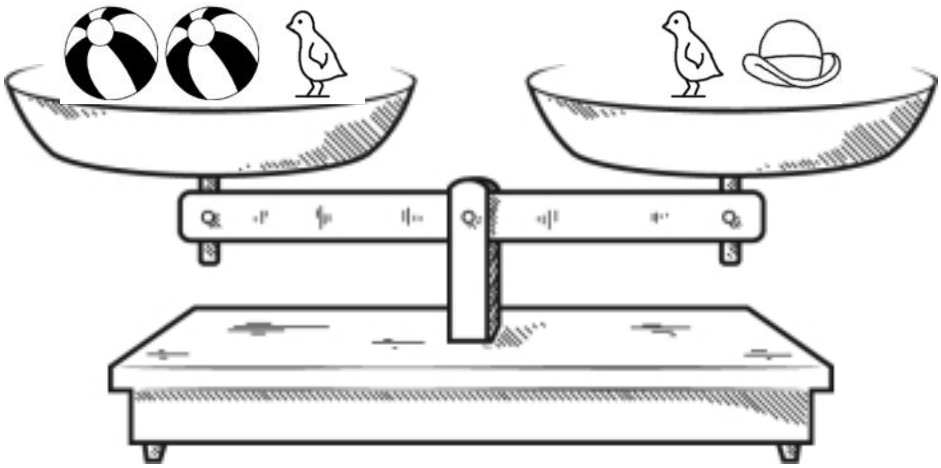
$\frac{15}{100}$ =

$\frac{48}{100}$ =

Write the decimal in words.
1.00011

573 + 47 + 3 + 553 =

Name: _____



It may help to give values to pictures.

= 14

= 3

= _____

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

☐ 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.

Name: _____

discover • disorders • orchestra • aspects • currencies • wrote

Each row, column, and box must have all the words from the word list. Write in the missing words.

	orchestra				
		wrote	disorders		
discover			aspects		
					orchestra
	discover				wrote
aspects					

8 x 11 = _____

Write 784,241 in words.

_____

Can 893 be evenly divided by 11? Circle:

893 is evenly divisible by 11

893 is NOT evenly divisible by 11

2,186 + 6,615 = _____

9,722 - 1,951 = _____

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

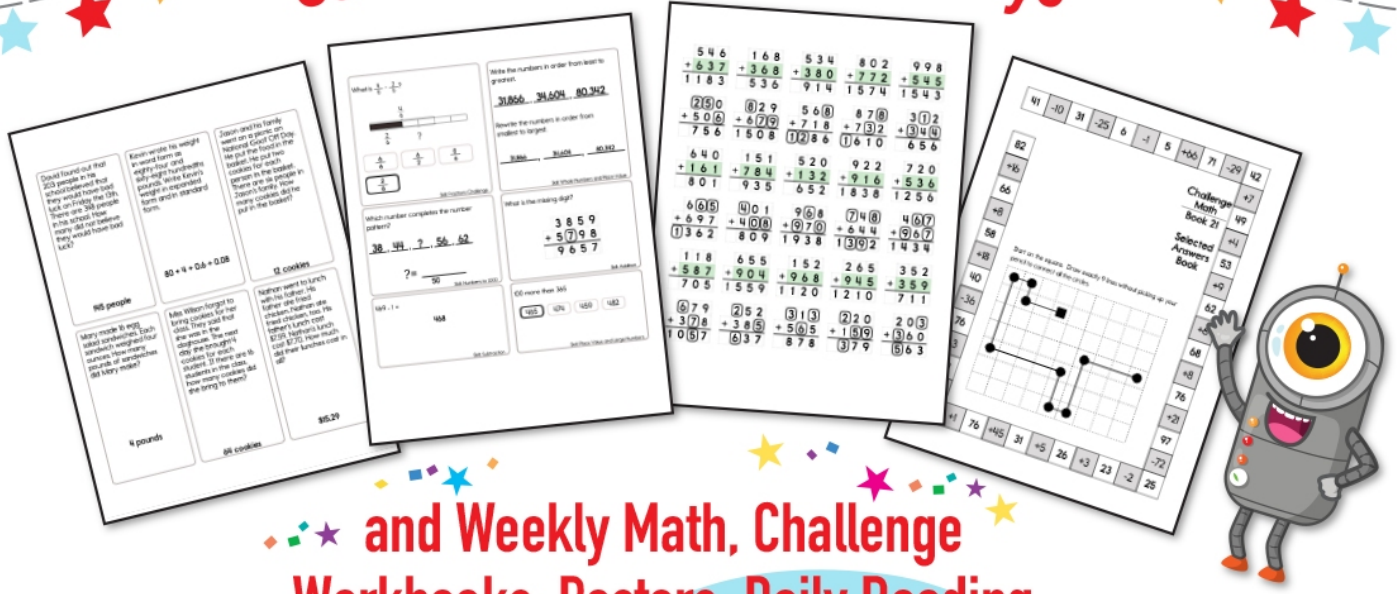
six hundred eighty-eight thousand four hundred twenty-seven

_____

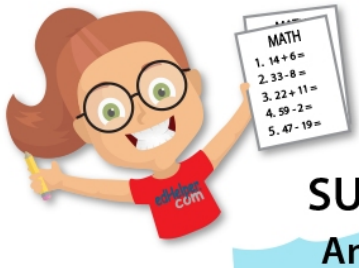
92,137 + 55,774 = _____

word root **gyn** can mean **woman** **androgynous, gynecologist**

Subscribe to Get Answer Keys



and Weekly Math, Challenge Workbooks, Posters, Daily Reading, and so much more!

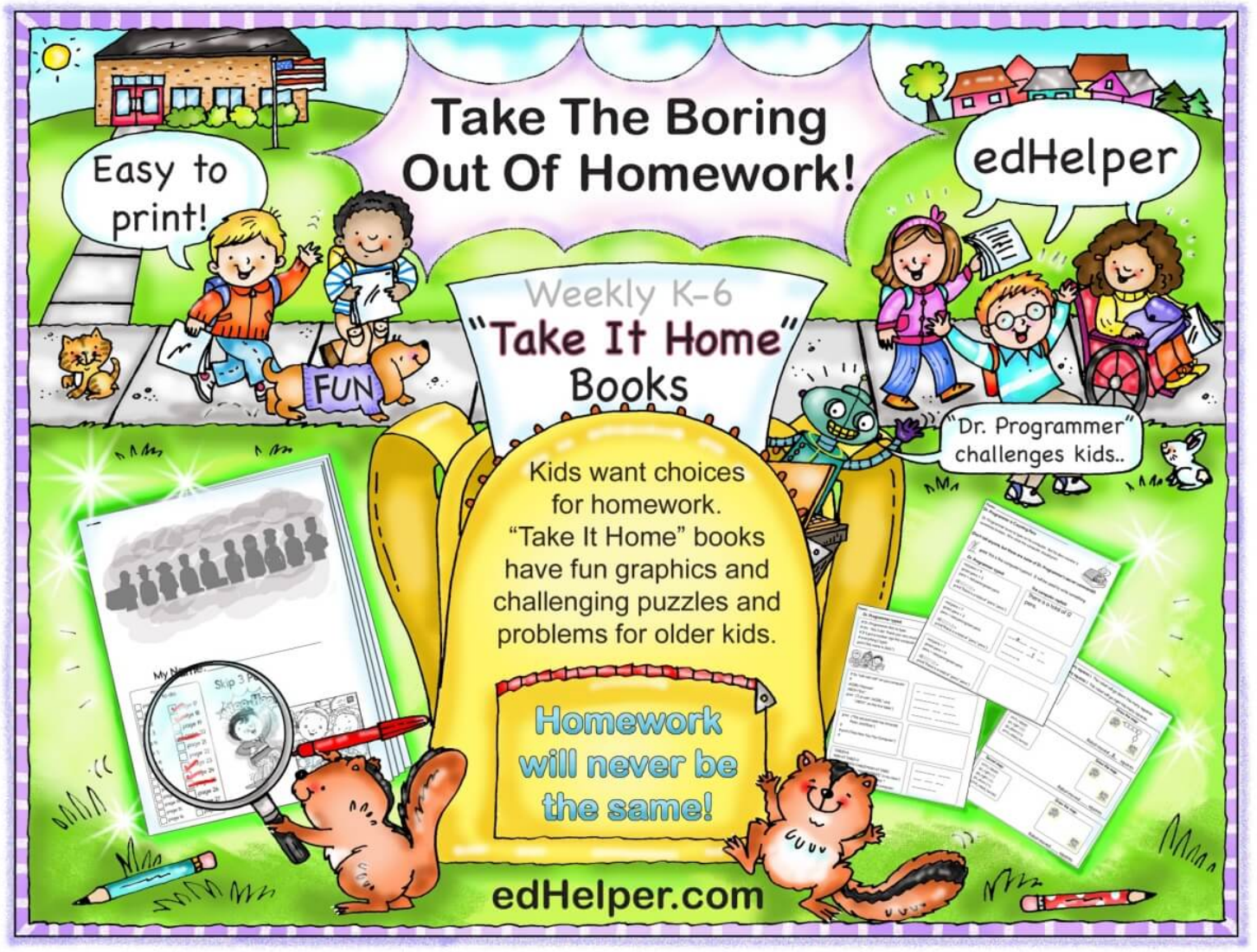


SUBSCRIBE TO RECEIVE EVEN MORE

Answer Keys • Effective Activities • Access to as many printables as you need!

edHelper.com

Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!


Take The Boring Out Of Homework!
Easy to print!
edHelper
Weekly K-6
"Take It Home" Books
FUN
"Dr. Programmer" challenges kids..
Kids want choices for homework. "Take It Home" books have fun graphics and challenging puzzles and problems for older kids.
Homework will never be the same!
edHelper.com