

Name: _____

Mental Math

— #1 —

◆ Start with the number 42.

42

◆ Round to the nearest ten.

3 8 8 1 7 4 0 2 6 0 (Circle your answer to double check you are correct.)

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

5 1 9 7 3 1 6 0 4 5

◆ Add the number of quarters in a dollar.

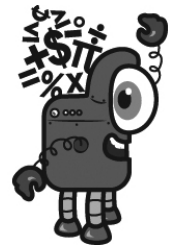
4 4 7 7 1 8 9 7 5 4

◆ Increase that number by 29.

3 6 9 3 3 1 2 6 4 5

◆ Round to the nearest ten.

7 3 0 0 1 2 9 4 5 0



Mental Math

— #2 —

☺ Start with the sum of 12 and 8.

7 6 2 0 1 3 2 0 4 9 (Circle your answer to double check you are correct.)

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

5 1 3 2 7 8 4 5 2 1

☺ Triple that number.

8 4 3 0 6 2 5 8 1 1

☺ Multiply by 9.

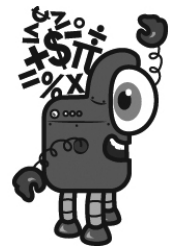
9 2 5 4 8 4 5 8 2 6

☺ Increase that number by 9.

1 2 6 3 9 4 6 3 7 5

☺ Subtract the number of inches in 2 feet.

2 6 4 3 9 4 5 1 1 9



Name: _____

Match each pattern to its rule.

1.8, 8.5, 15.2, 21.9

- 6.04

22.4, 16.2, 10, 3.8

- 6.02

+ 6.01

2.2, 8.22, 14.24, 20.26

22.9, 16.5, 10.1, 3.7

26.56, 20.54, 14.52, 8.5

- 6.4

6.1, 12.11, 18.12, 24.13

+ 6.02

25.2, 19, 12.8, 6.6

26.52, 20.48, 14.44, 8.4

+ 6.7

Write the reciprocal.

$$\frac{3}{9}$$

Write the reciprocal.

$$17$$

Write the reciprocal.

$$\frac{2}{18}$$

(50,331,648) ,
(6,291,456) , (786,432) ,
(98,304) , _____,
(1,536) , (192) , (24)

Name the shape with four
sides and four angles.

How many total legs are on
11 ants?

Which number has exactly
5 hundreds?

$$9 \times 1 + 11 - 8$$

How much greater is 178
than 40?

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Sarah has \$102.20. She has 10 bills and 19 coins. How?

	\$20								
10¢									

Erin has \$31.22. She has 3 bills and 5 coins. How?

Justin has \$31.22. He has 5 bills and 19 coins. How?

$$96 \div 12 =$$

How many millimeters are in 2 centimeters?

_____ millimeters

Name: _____

<p>Uncle Allen walked to school when he was a child. He said it was fun, especially in the winter. Then he and his best friend had snowball fights on the way! It took them 18 minutes to walk to school. If school started at 8:30 a.m., what time did they have to leave home to get to school on time?</p>	<p>Amanda helped her aunt pick tomatoes from her garden. It was hard work and it made her back hurt, but it was worth it. Those juicy fresh tomato sandwiches would be delicious! They picked tomatoes from 7:47 a.m. until 12:12 p.m. For how long did Amanda and her aunt pick tomatoes?</p>	<p>Mary was very excited! She was going to her best friend's house on August 2 for a Friendship Day party. If Mary's birthday was 12 days earlier, when was her birthday?</p>
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<p>Maria was given four numbers: 15, 11, 10, and 13. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than four-fifths?</p>	$\begin{array}{r} 50 \\ - 32 \\ \hline \end{array}$	$40 \div 4 =$
		$\begin{array}{r} 287 \\ - 198 \\ \hline \end{array}$
<p>1 cm = 10 mm 8 cm = _____ mm</p>	$\begin{array}{r} 35 \\ + 38 \\ \hline \end{array}$	<p>How many digits are in 100 times 1,000? _____</p>

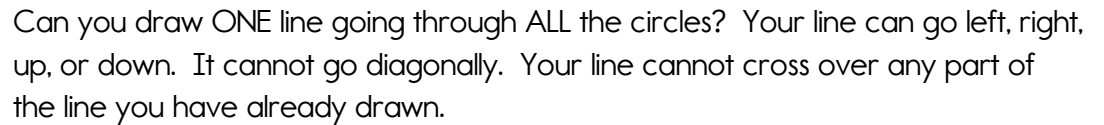
Name: _____

$3 \times 9 =$	$\begin{array}{r} 385 \\ + 374 \\ \hline \end{array}$	<p>Wendy was given five numbers: 9, 11, 14, 8, and 7. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?</p>

<p>Circle the smallest number:</p> <p>819,026,457,378</p> <p>60,123,549</p> <p>302,645</p> <p>56,718,320,491</p>	$8 \text{ kg} = \text{_____} \text{ g}$	$9 \times 10 =$

<p>Sarah is making up her own calendar. The first month of her weird calendar is called Maffy. To make matters worse, she is giving Maffy a total of fifteen days. What is the least number of Sundays that can occur during Maffy? Show the month of Maffy.</p>
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<p>What time is 17 hours after 5:00 p.m.?</p> <p>_____</p>	<p>Choose the word that best completes the sentence.</p> <p>When I go to the museum, I would love for you to come, (to/too).</p>
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The puzzle on the left shows a correct line going through all the circles.

A 6x6 grid with black and white circles. The circles are located at the following coordinates (row, column): (0,0) black, (1,3) white, (1,4) white, (2,5) black, (3,3) black, (4,5) white, (5,0) black, (5,2) black. A green path starts at (3,3), goes right to (3,4), then down to (4,4), then left to (4,3), then down to (5,3).

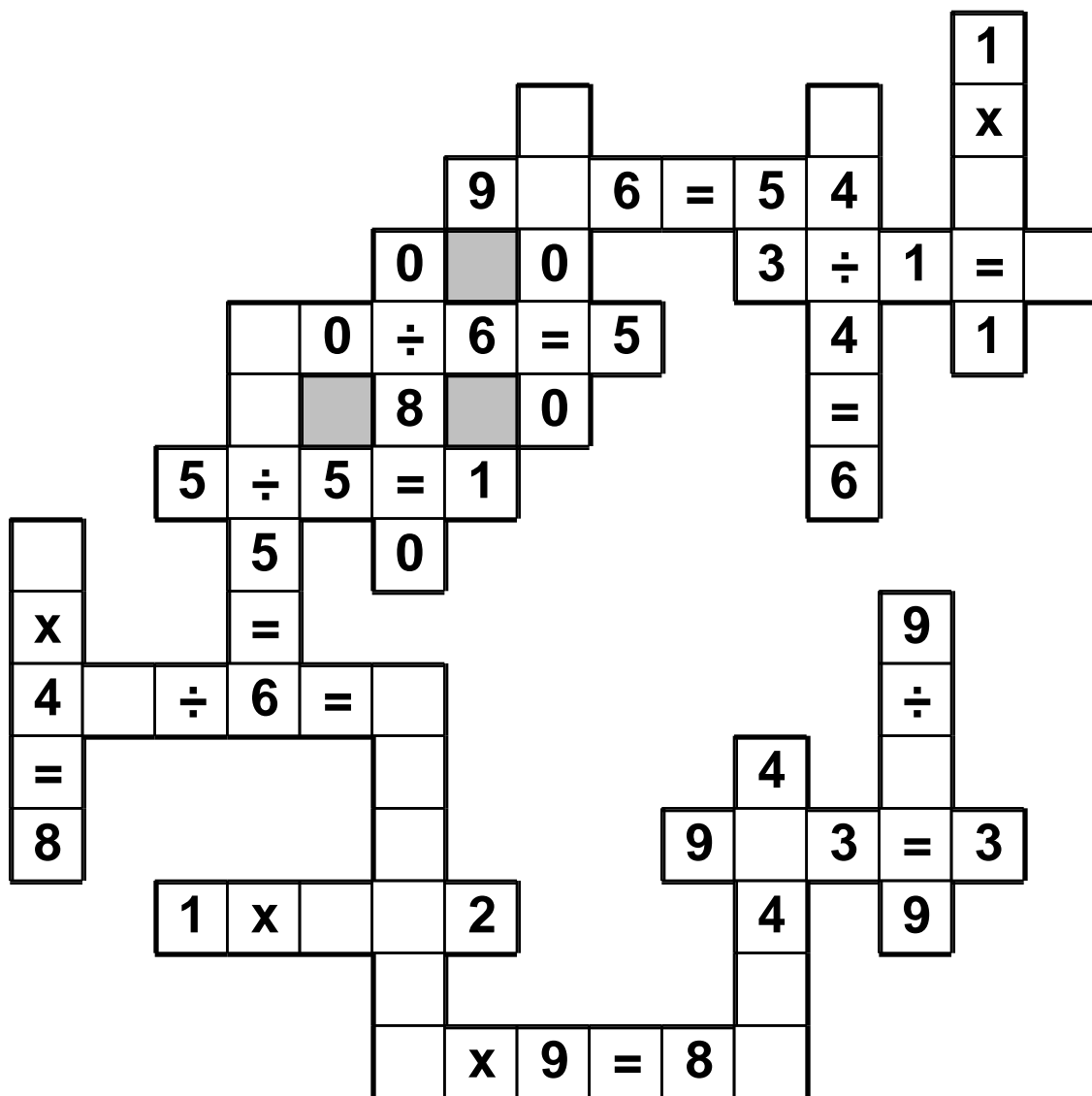
A 5x5 grid with black and white circles. The circles are located at the following coordinates (row, column): (0, 1) white, (0, 2) black, (1, 0) white, (1, 3) white, (2, 2) black, (3, 1) white, (4, 0) black, (4, 4) white. A green path starts at (0, 2), moves left to (0, 1), then down to (1, 3), then down to (2, 3).

Can you hear me now

Name: _____

2 • 2 • x • 1 • 3 • 3 • 0 • 2 • 2 • 7 • x • 1 • 7 • ÷ • 2 • = • 4
= • 9 • 1

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



$(6 + 4) + 6 =$

$7 \times 6 =$

Name: _____

Luis, Cameron, Connor, Jasmine, Steven, Brandon, and Christian each have a certain number of pens. One has eight pens, one has six pens, one has seven pens, one has five pens, one has seventeen pens, one has eleven pens, and one has fourteen pens.

Figure out how many pens each person has.

1. Brandon has seven fewer pens than Cameron.
2. Cameron is not the one with seventeen pens.
3. Luis and Cameron have thirty-one pens altogether.
4. Jasmine has six more pens than Steven.
5. If Christian gave Connor four pens, Connor would have twelve pens and Christian would have two pens.
6. Cameron and Luis have thirty-one pens altogether.
7. Brandon is not the one with seventeen pens.

Luis has _____ pen(s).

Cameron has _____ pen(s).

Connor has _____ pen(s).

Jasmine has _____ pen(s).

Steven has _____ pen(s).

Brandon has _____ pen(s).

Christian has _____ pen(s).

Circle the digit in the tenths place.

89.498

Add the correct end punctuation for this sentence.

I love riding roller coasters

Name: _____

Find 2 equations hidden in each box. Good luck!

$$6 \times 12 + 9$$

$$9 + 9 - 2$$

$$6$$

$$19$$

$$81$$

$$4 + (7 - 5)$$

Write 2 equations: _____

$$4 + 7 + 4$$

$$12 \times 9 + 8$$

$$15$$

$$2 + 3 \times 2$$

$$8$$

$$9 - (4 - 1)$$

Write 2 equations: _____

$$5 + (9 + 4)$$

$$(10 + 2) - 1$$

$$8 - (1 + 5)$$

$$6 + 6 \times 6$$

$$18$$

$$11$$

Write 2 equations: _____

Name: _____

Find 2 equations hidden in each box. Good luck!

$$10 - 3 - 7$$

$$4 + (6 + 12)$$

9

$$3 + 7 - 1$$

0

13

Write 2 equations: _____

$$5 + 9 + 6$$

4

$$9 + 6 - 5$$

20

10

$$12 \times 4 + 6$$

Write 2 equations: _____

9

8

$$9 - 4 + 4$$

1

$$(8 - 8) + 5$$

$$7 - 6 + 7$$

Write 2 equations: _____

Name: _____

x	1	2	3	4	5	6	7	8	9	10
8						48				
7								56		
9							63			
3	3									
10			30							

Emma multiplied two one-digit numbers and then added 173. The result was 233. Emily does not believe her and thinks Emma made a mistake. Who is correct?

In the number 8,954:

9 is _____ times as much as the value of the 5.

4 is _____ times as much as the value of the 8.

For 9,704,326,920,965,765,
write the digit that is in the
ten thousands place.

What can you multiply by 10 to get 5?

Jessica is getting messy. She has made a 4' x 1' x 3' cube made out of clay blocks. She wants her art project to have at least a surface area of 30 square feet. Does she need to add more clay?



Name: _____

Can you guess the word?

No duplicate letters can be used.

P L E N T Y

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

P A C K E T

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.

S W I T C H
J U N I O R
F L O R I D

A B E G K M P Q V X Y Z

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

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

Hint: There are no duplicate letters in the answer.

V A N I S H
B R U T A L
R E D A C T

F G J K M O P Q W X Y Z

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

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

Hint: There are no duplicate letters in the answer.

V O R T E X
R E D A C T
B E T R A Y

F G H I J K L M N P Q S U W Z

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

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

Name: _____

Use each of the blocks to spell six different words.
Hint: The word park is a word in the blocks.

R C S E G E R O A T ~~Q~~
~~A~~ ~~R~~

K ~~A~~ ~~M~~ ~~I~~ T
V ~~S~~ ~~T~~ ~~C~~ P

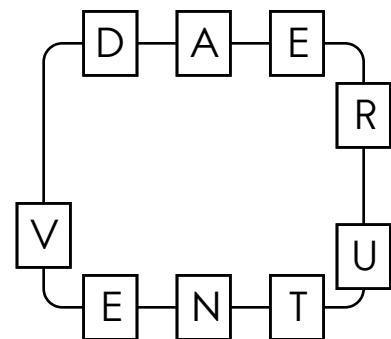
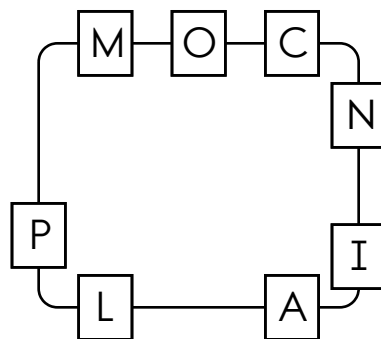
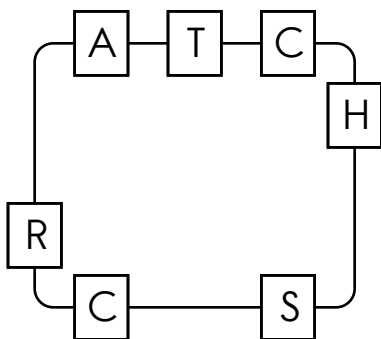
1.		O			H		2.			A	
3.		A	R			4.	M	I	S	T	
5.	P				E		6.	C			

Try to spell some words.

po • pr • se • sur • de • ~~sh~~ • pr • ely • nd • be • int
 ple • ly • wi • om • pl • pt • ty • ~~K~~ • nty • fam • sil • et
 ily • ea • ba • et

shall _____

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.





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