

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 5 in your head

subtract 4

Write the number.

A

imagine 5 in your head

subtract 3

add 4

Write the number.

B

imagine 5 in your head

subtract 5

add 2

Write the number.

C

imagine 6 in your head

subtract 4

add 4

add 3

Write the number.

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?

_____ h t _____

9 before 15 _____

3 after 12 _____

8 after 17 _____

4 before 13 _____

6 after 13 _____

4 after 14 _____

6 before 19 _____

7 after 16 _____

2 after 11 _____

5 before 18 _____

5 after 15 _____

9 after 18 _____

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

START 3	2	2
5	2	1
4	2	FINISH SUM: 9

3 + 2 + 2 + 2 =
9

START 3	4	4
1	5	5
2	4	FINISH SUM: 10

3 + 1 + + =
10

START 6	8	9
7	7	8
8	6	FINISH SUM: 42

6 + 7 + + +
 + = 42

START 5	6	4	3
6	5	2	5
1	2	3	FINISH SUM: 22

5 + 6 + + +
 = 22

Name: _____

1 • 3 • 6 • 3 • 1 • 4 • - • 2 • 2 • = • 5 • - • 8 • - • 4 • - • 6

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

	1	-	8	=		-	0
					-		
					0		
	1	-		=	9		
0		1		9			
-		=		-			
9		1		6			
=		4					
7		-					
-		9					
				=	6		2

97, _____, _____, _____,
_____, _____, 103

	4	7
-	5	

	8	5
-	1	4

Write the numbers.
fifty ____
fifty-five ____
seventy ____

Write the numbers.
ten ____
sixteen ____
twenty ____

E, J, O, _____, Y

Name: _____

Mrs. Robinson drew some bubbles on cards. She put them in order. There were 4 bubbles on the first card. There were 8 bubbles on the second card. There were 12 bubbles on the third card. How many bubbles were on the fifth card?

Erin counted the balloons at the Sandcastle Day contest. There were 7 red, 3 purple, 6 blue, 9 orange, and 5 yellow. What is the range?

Jack has some sea monkeys in a tank. He is counting them by 2s. Fill in the blanks: 2, ____, 6, 8, ____, ____, 14

Peter liked weird games. He made up 12 weird games. He played 8 of them with his friends. How many of the games were not played?

Fill in the numbers.

	43				78		87
	53		66	42			

Combine the words to make a compound word.

book + worm = _____

mean + while = _____

Circle the third letter.

F M J R D H Q G

word root **in** can mean **not**

insomnia, insane

Name: _____

Complete each pattern.

I, 4, 5, 8, I, 4, 5, 8, I, 4, 5, 8, I, 4, 5, ____

1, o, 2, 9, 1, o, 2, 9, 1, o, ____, ____, 1, o, 2, 9, 1

l, W, n, k, l, ____, n, k, l, W, n, k, l, W, n, k, l

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 1 = 2$$

$$2, 2 = 4$$

$$3, 3 = 6$$

$$4, 4 = 8$$

Then

$$5, 5 = ?$$

If

$$4, 4 = 8$$

$$5, 5 = 10$$

$$6, 6 = 12$$

$$7, 7 = 14$$

Then

$$8, 8 = ?$$

Name: _____

<p>Kayla had 4 quarters and 3 dimes. She bought an ice cream cone for 71¢. How much money did she have left?</p>	<p>Last year Hannah hit 3 home runs. Jessica hit 15 home runs. How many more home runs did Jessica hit than Hannah?</p>	<p>Emily had 17 walnuts. She gave Rosa 5 walnuts. How many walnuts does she have left?</p>
--	---	--

Write how much to add or subtract.

$7 \text{ } (+6) \text{ } 13 \text{ } (+6) \text{ } 19$	$11 \text{ } \bigcirc \text{ } 6 \text{ } \bigcirc \text{ } 1$	$10 \text{ } \bigcirc \text{ } 8 \text{ } \bigcirc \text{ } 6$
$4 \text{ } \bigcirc \text{ } 8 \text{ } \bigcirc \text{ } 12$	$9 \text{ } \bigcirc \text{ } 6 \text{ } \bigcirc \text{ } 3$	$8 \text{ } \bigcirc \text{ } 14 \text{ } \bigcirc \text{ } 20$
$5 \text{ } \bigcirc \text{ } 8 \text{ } \bigcirc \text{ } 11$	$13 \text{ } \bigcirc \text{ } 11 \text{ } \bigcirc \text{ } 9$	$2 \text{ } \bigcirc \text{ } 6 \text{ } \bigcirc \text{ } 10$

<p>100 less than 726</p>	$\begin{array}{r} 67 \\ - 51 \\ \hline \end{array}$	<p>Circle the number that is less. 256 237</p>	<p>$71 + 8 = \underline{\hspace{2cm}}$</p>
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Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

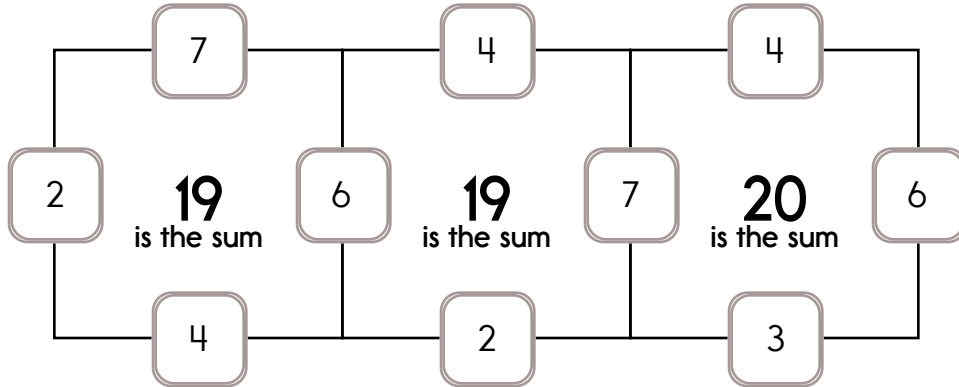
Example:

$$2 + 6 + 7 + 4 = 19$$

Example:

$$7 + 6 + 4 + 3 = 20$$

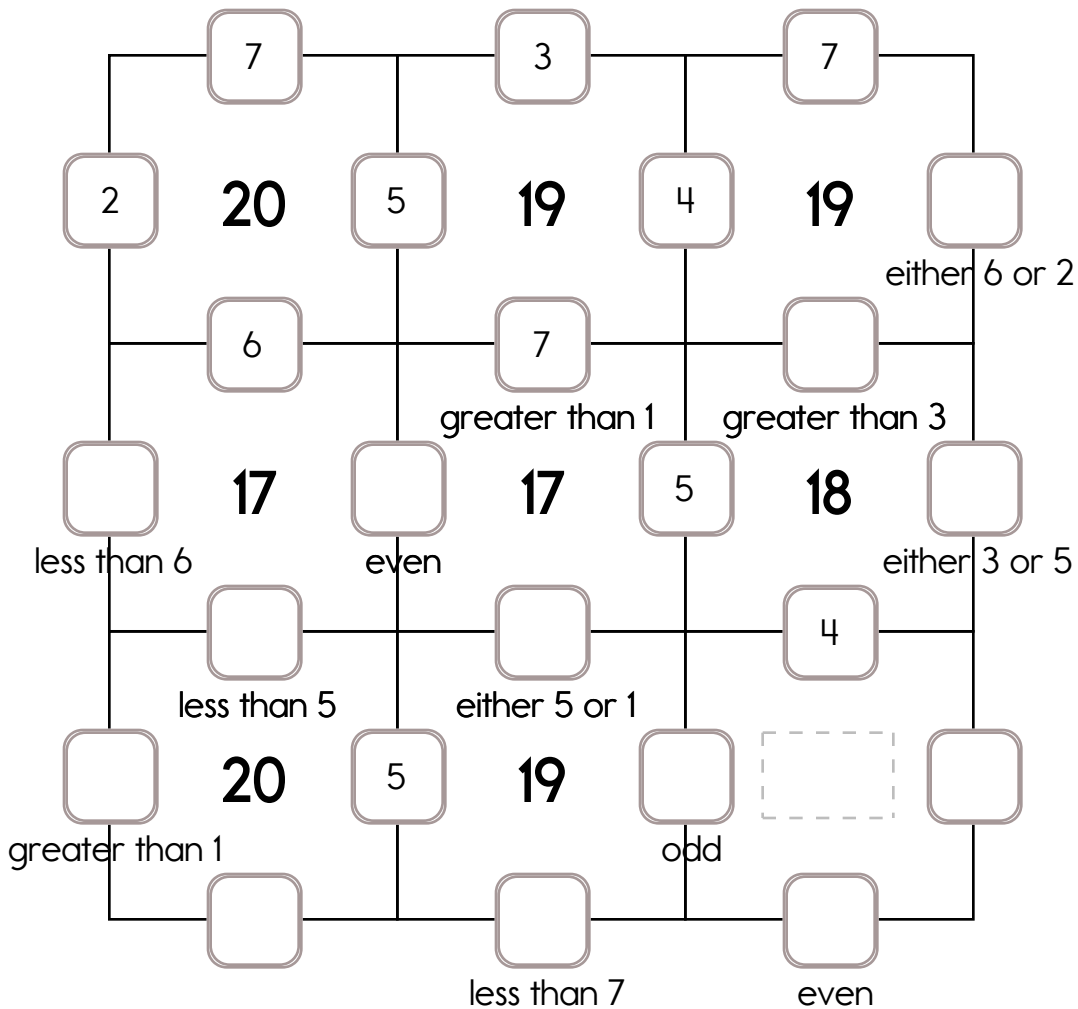
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.



Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

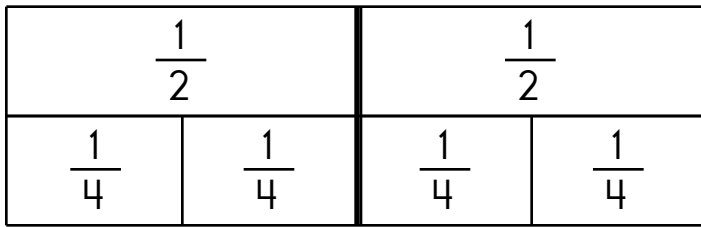
The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.

	6		7		5	
3	18	4	18	6	16	4
	5		1			
	18		19	7	17	
				4		
	20	4	17		17	
	19		19		18	
	20		19			

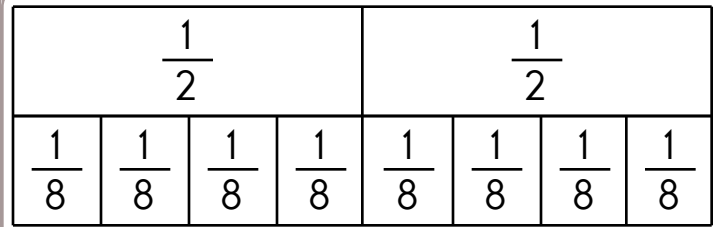
Annotations:

- Between 6 and 7: either 6 or 1
- Between 5 and 1: less than 6
- Below 3: less than 5
- Below 4: even
- Below 7: greater than 3
- Below 4: less than 4
- Below 4: greater than 3
- Below 7: odd
- Below 17: odd
- Below 19: even
- Below 18: even
- Below 20: either 5 or 6
- Below 19: either 2 or 7
- Below 19: even
- Below 18: either 6 or 7
- Below 20: odd
- Below 19: even
- Below 19: odd
- Below 18: odd
- Below 20: odd

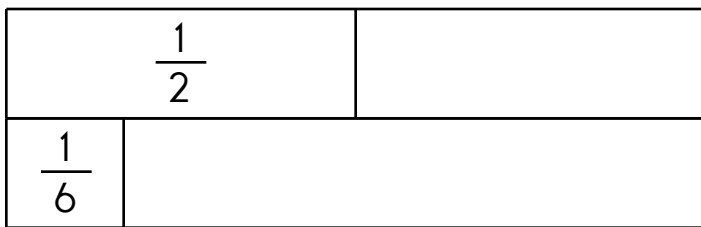
Name: _____



$$\frac{\boxed{}}{2} = \frac{2}{4}$$



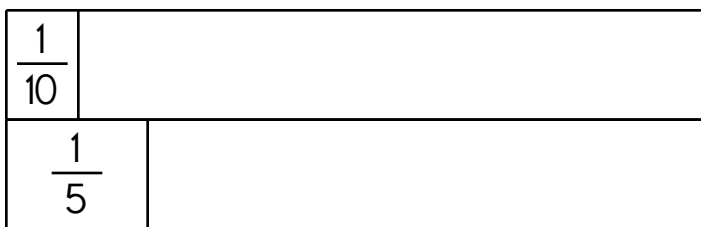
$$\frac{\boxed{}}{2} = \frac{4}{8}$$



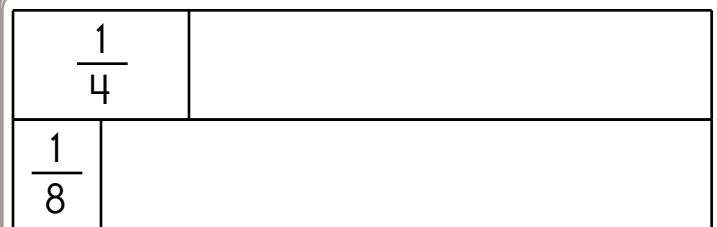
$$\frac{1}{2} = \frac{\boxed{}}{6}$$



$$\frac{2}{6} = \frac{\boxed{}}{3}$$



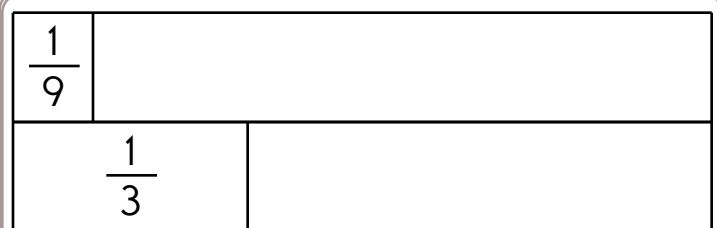
$$\frac{\boxed{}}{10} = \frac{1}{5}$$



$$\frac{\boxed{}}{4} = \frac{2}{8}$$



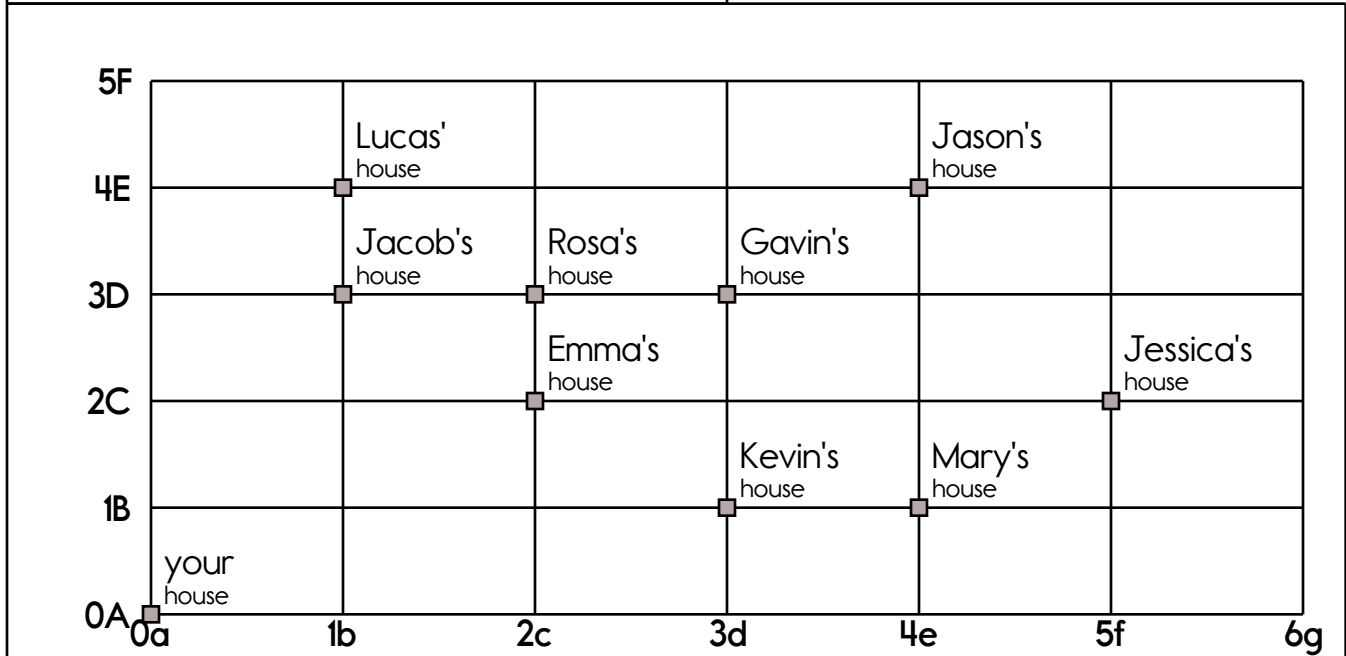
$$\frac{5}{10} = \frac{\boxed{}}{2}$$



$$\frac{\boxed{}}{9} = \frac{\boxed{}}{3}$$

Name: _____

<p>Write a word problem for $3 + 2 = 5$.</p>	$42 + 6 = \underline{\quad\quad}$	$\begin{array}{r} 2 \\ 4 \\ + 3 \\ \hline \end{array}$
$100 + 10 + 9$	$\begin{array}{r} 10 \\ + 21 \\ \hline \end{array}$	



How will you get from your house to Jacob's house?

Go up ____ . Go right ____ .

Start at 0a, 3D. Go right 4. Go up 1. You knock at the door. Who answers?

Who is at Lucas' house? She had to go left 3 and then up 3 to get there. _____

Who is at Emma's house? He had to go left 1 and then up 1 to get there. _____

Name: _____

Unscramble the letters.



dulco



ropd

n a v t d n a h r c
 s n g e n a a c s d
 t k a n l d n a t s
 e s r o h h s t c d
 t d d d s a l x n e
 k c a p a r e t a l
 d h d u s n d d n s
 c n t p d e e n p n

The older boys went by _____ to the movie theater.

- (A) himself (B) ourselves
 (C) myself (D) themselves

$$\begin{array}{r} 85 \\ - 13 \\ \hline \end{array}$$

Circle the even number.

- 14 15 13 9
 3 19

Look for these words **BACKWARDS** in the word search:

- hand pack later
 horse stand need

Write + or - in the circles.

12 8 = 8 12

17 11 = 7 1

$$\begin{array}{r} 96 \\ - 53 \\ \hline \end{array}$$

Circle the words.

shutclashagainmaddead
 taillognoonmaddeadline
 shouldcitysoapclashuncle

Seventeen is an odd number.

yes no

Name: _____

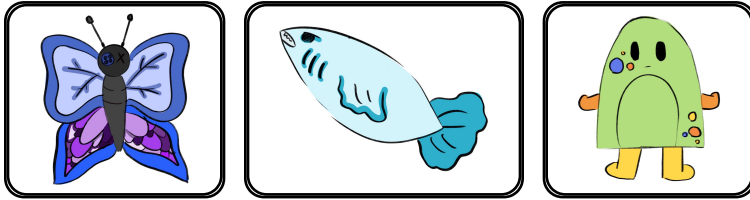
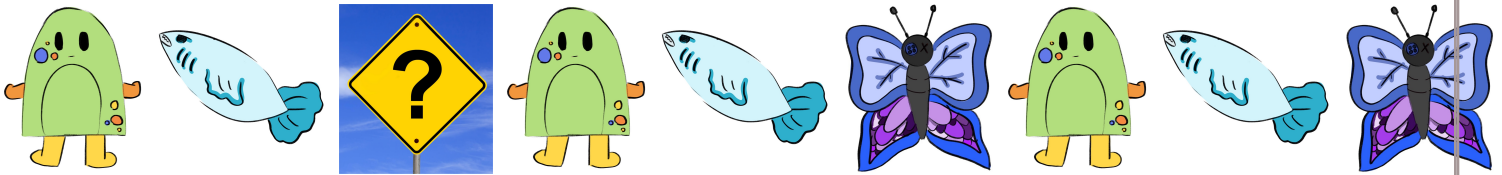
$42 + 5 =$

Skill: Addition

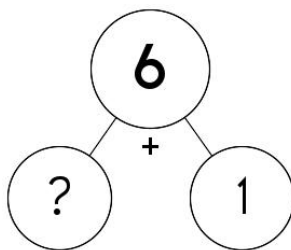
$549 - 1 =$

Skill: Subtraction

What is missing?



Skill: Patterns



What is the missing number?

- 7 4 5 6

Skill: Addition and Subtraction

Which number completes the number pattern?

69 , 67 , 65 , ? , 61

? = _____

Skill: Numbers to 1,000

Name: _____

1							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$	
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Compare.

$\frac{1}{4}$ ○ $\frac{1}{8}$	$\frac{1}{7}$ ○ $\frac{1}{2}$	$\frac{1}{3}$ ○ $\frac{1}{7}$	$\frac{1}{8}$ ○ $\frac{1}{2}$
$\frac{2}{4}$ ○ $\frac{1}{2}$	$\frac{3}{8}$ ○ $\frac{1}{3}$	$\frac{2}{4}$ ○ $\frac{5}{7}$	$\frac{1}{2}$ ○ $\frac{5}{8}$
$\frac{1}{2}$ ○ $\frac{2}{3}$	$\frac{2}{8}$ ○ $\frac{1}{4}$	$\frac{6}{7}$ ○ $\frac{3}{4}$	$\frac{1}{2}$ ○ $\frac{1}{3}$
$\frac{7}{8}$ ○ $\frac{1}{2}$	$\frac{5}{7}$ ○ $\frac{3}{4}$	$\frac{1}{4}$ ○ $\frac{1}{7}$	$\frac{6}{8}$ ○ $\frac{3}{4}$
$\frac{5}{8}$ ○ $\frac{1}{7}$	$\frac{5}{7}$ ○ $\frac{1}{2}$	$\frac{3}{4}$ ○ $\frac{1}{3}$	$\frac{3}{4}$ ○ $\frac{2}{3}$
$\frac{4}{8}$ ○ $\frac{1}{2}$	$\frac{1}{2}$ ○ $\frac{6}{8}$	$\frac{2}{4}$ ○ $\frac{4}{8}$	$\frac{3}{4}$ ○ $\frac{7}{8}$



Name: _____

Can you guess the word?

No duplicate letters can be used.

B R A N D

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

A **N** G E L

The letter N is in the word, but N 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 C A R E
S N O R E

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

□ □ □ □ □

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

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

Hint: There are no duplicate letters in the answer.

R A N C H
D R I V E
G R I P E

B F J K L M O Q S T U W X Y Z

□ □ □ □ □

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

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

Hint: There are no duplicate letters in the answer.

P L A N E
E X T R A
A F T E R

B C D G H I J K M O Q S U V W Y
Z

□ □ □ □ □

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

T A R B Z R A A R W R R R R T P A N R
A A W L Y W W T R S P A N W W E A P A
A R W N W Z A R W A W N W L P T A A Q
E W R T W P A E T W T E K H W L A A A
W B A T E A L F P Y Q S A R A E A A E
A D A T E T T A T L E A W P T L F P Q
W M J T E E G Y N E W A A F Y A W T R
R E K A W R W T T E R L L A A L N E P

Name: _____

$\begin{array}{r} 49 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ + 44 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ + 13 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ + 56 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ + 60 \\ \hline \end{array}$
$\begin{array}{r} 84 \\ + 13 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ + 53 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ + 10 \\ \hline \end{array}$
$\begin{array}{r} 46 \\ + 33 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 40 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ + 32 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 51 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 41 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ + 14 \\ \hline \end{array}$
$\begin{array}{r} 55 \\ + 42 \\ \hline \end{array}$	$\begin{array}{r} 46 \\ + 33 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ + 13 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 54 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 62 \\ + 20 \\ \hline \end{array}$
$\begin{array}{r} 35 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ + 81 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ + 53 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ + 23 \\ \hline \end{array}$
$\begin{array}{r} 44 \\ + 55 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ + 44 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ + 14 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ + 34 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ + 52 \\ \hline \end{array}$
$\begin{array}{r} 14 \\ + 34 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ + 33 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ + 11 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ + 60 \\ \hline \end{array}$

$\begin{array}{r} 4 \\ + 4 \\ \hline \square \end{array}$
$\begin{array}{r} + 7 \\ \hline \square \end{array}$
$\begin{array}{r} + 2 \\ \hline \square \end{array}$
$\begin{array}{r} 17 \\ + \square \\ \hline \square \end{array}$
$\begin{array}{r} 21 \\ - \square \\ \hline \square \end{array}$
$\begin{array}{r} 16 \\ + 2 \\ \hline \square \end{array}$
$\begin{array}{r} + 3 \\ \hline \square \end{array}$
$\begin{array}{r} 21 \\ + \square \\ \hline \square \end{array}$
$\begin{array}{r} 28 \\ - \square \\ \hline \square \end{array}$
$\begin{array}{r} 20 \\ + \square \\ \hline \square \end{array}$
$\begin{array}{r} 23 \\ + 7 \\ \hline \square \end{array}$

Name: _____

Complete the pattern.

9 18 27 36 45 54 _____

12 15 18 21 24 27 _____

16 24 32 40 48 56 _____

18 24 30 36 42 48 _____

25 30 35 40 45 50 _____

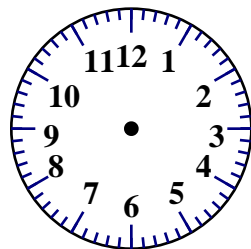
r d r n t r r a n r
u w o u l d u a p l
t p a t r y d t t r
q d n n u n d r l o
o p e n j n u a n u
u p a l n o u t x n
e u f q m a y o y d

Word Bank

open try out
round ran would

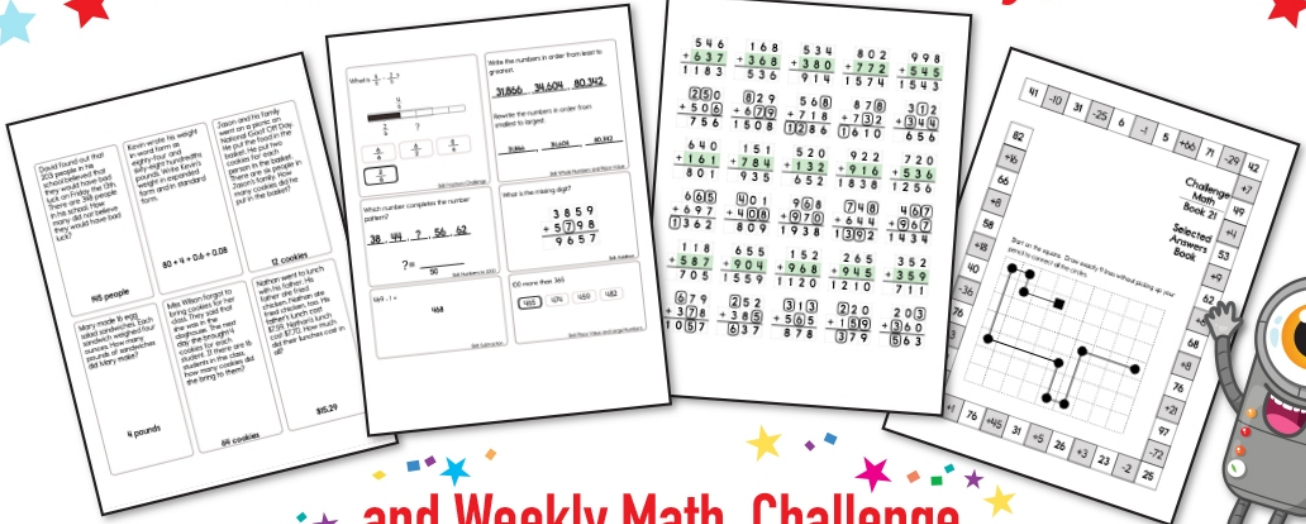
When you take 4 away from me, the answer is 5. What number am I?

twenty-seven

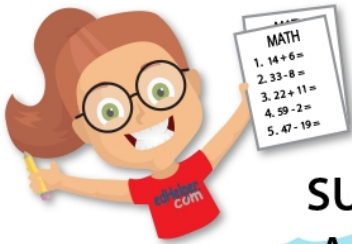


11 : 15

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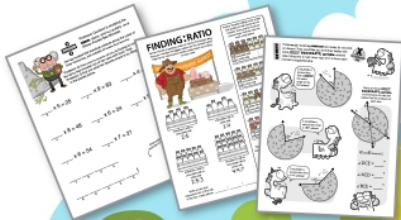


MATH
1. $14 + 6 =$
2. $33 - 8 =$
3. $22 + 11 =$
4. $59 - 2 =$
5. $47 - 19 =$

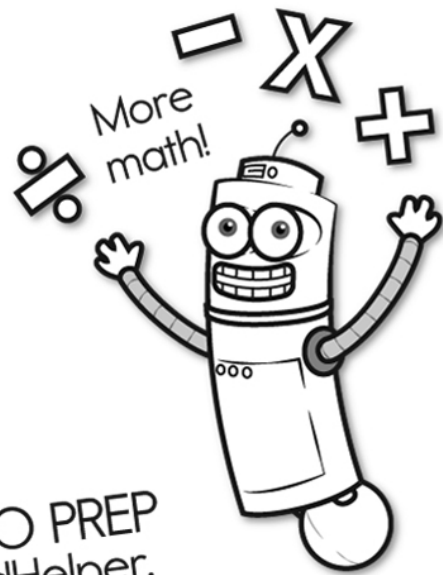
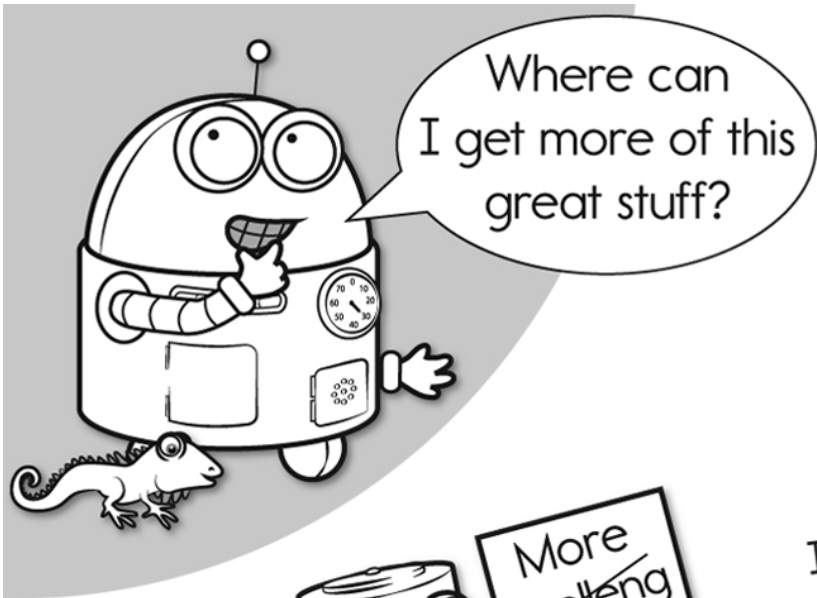


ANSWER KEY
1. $14 + 6 = 20$
2. $33 - 8 = 25$
3. $22 + 11 = 33$
4. $59 - 2 = 57$
5. $47 - 19 = 28$

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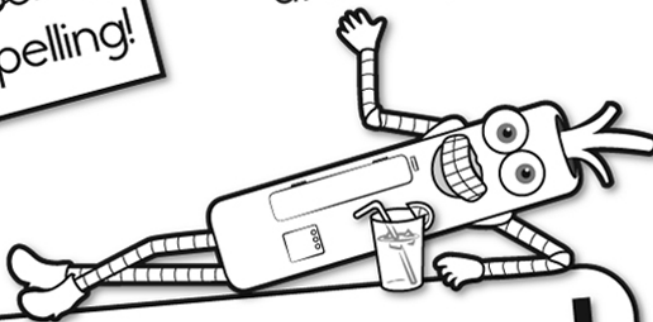


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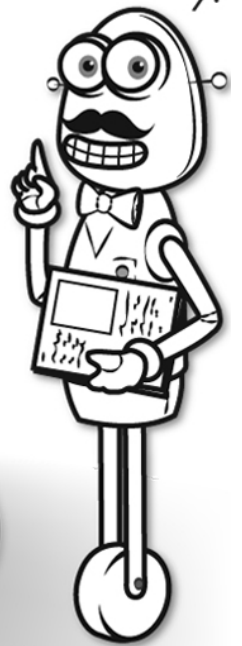


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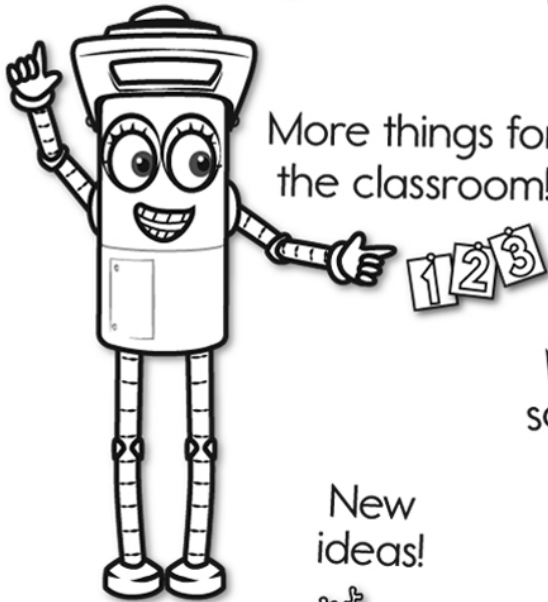
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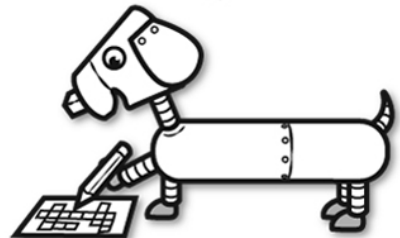


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x = - ÷ < - >

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