

Name: _____

Amanda picked 9 apples. Holly picked 5 apples. How many apples did they pick in all?

Mrs. Rodriguez made butterscotch pudding. She put it in 12 cups. Peter and his twin brother each ate 1 cup. Peter's father ate 2 cups. How many cups of pudding were left?

Mr. Robinson bought 12 rolls of masking tape. He used 5 of them. How many rolls were left?

Name: _____

How much is this?



$$\begin{array}{r} 16 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

Find three ways to make 9.

$$\underline{\quad} + \underline{\quad} = 9$$

$$\underline{\quad} + \underline{\quad} = 9$$

$$\underline{\quad} + \underline{\quad} = 9$$

There were eighteen kids on the playground. Five of them came inside to read. How many kids are still on the playground?

$$45 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$$

$$37 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$$

$$22 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$$

$$60 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$$

$$8 + 3 = \underline{\quad}$$

$$18 + 3 = \underline{\quad}$$

91, 104, 117, 130, 143,
156, 169, _____, 195,
208

How much is this?



Write these numbers in order from largest to smallest.

101, 19, 50, 70, 10

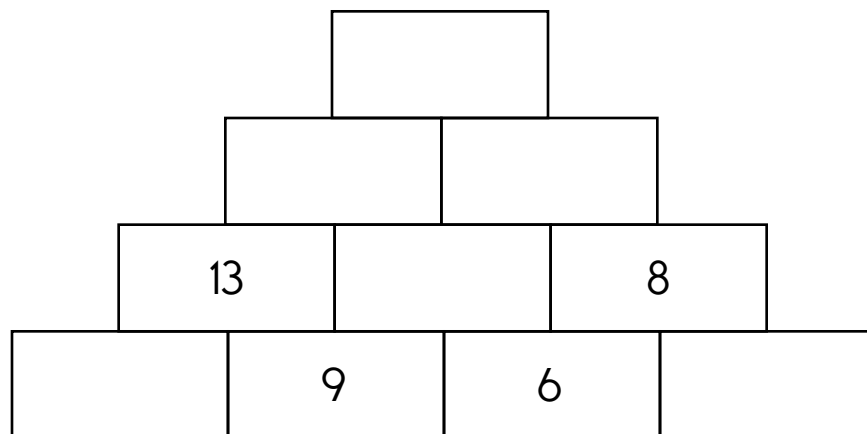
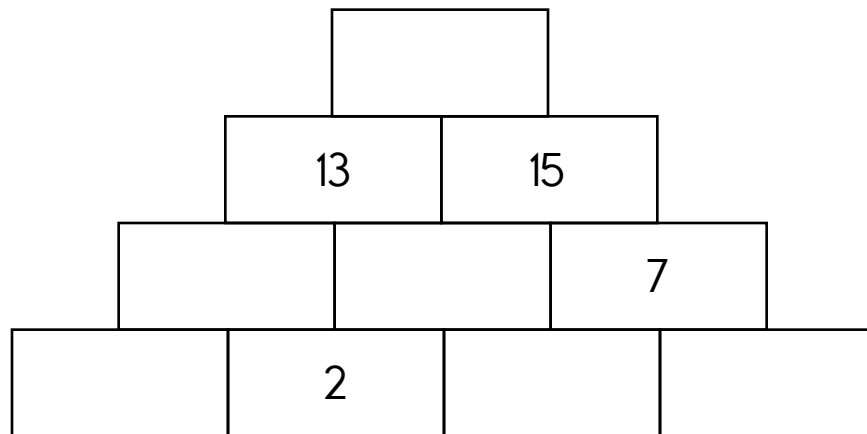
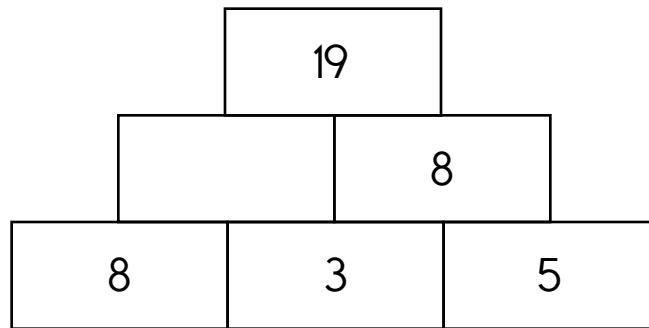
_____, _____, _____, _____,

Rose took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.

A two-digit odd number has a 5 in the tens place. The sum of the ones and tens digits is 12. What is the number?

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.



Read the topic. Try to make it better. The first one is done for you.

Topic: cats

1. adopting a long-haired cat to take home

2. _____

Name: _____

Anna won a prize at the Good Neighbor Day party. The prize was a box of candy. There were 90 pieces of candy in the box. Anna shared 73 pieces of the candy with her friends. How many pieces does she have left?

Amy bought some corn. She spent 5 quarters, 4 dimes, and 7 pennies. How much did the corn cost?

Peter had 99¢. He bought a toy truck. It was very ugly. It only cost 18¢. How much money does Peter have left?

Mrs. Jackson 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 fourth card?

Write how much to add or subtract.

9 (+8) 17 (+8) 25 (+8) 33 (+8) 41 (+8) 49 (+8) 57 (+8) 65

2 () 7 () 12 () 17 () 22 () 27 () 32 () 37

56 () 49 () 42 () 35 () 28 () 21 () 14 () 7

Name: _____

Mental Math

— #1 —

☺ Start with the sum of 12 and 4.

16



☺ Subtract 5.

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

☺ Subtract 1 ten.

1 3 3 1 5 8 9 6 4 7

☺ Add 4 tens.

6 8 3 2 4 1 9 4 8 6

☺ Subtract 3 tens.

1 6 2 3 3 7 9 1 1 9

☺ Add 2 tens.

5 6 8 7 9 3 1 3 4 4

☺ Increase that number by 9.

1 1 6 3 3 7 4 0 7 3

☺ Add 2 tens.

9 6 0 7 3 3 2 0 6 9

☺ Increase that number by 4.

6 4 3 2 6 2 4 8 9 1

Name: _____

<p>Gina's father had 32 roses. He put 12 roses in a vase. He put ferns in the vase, too. He sold the vase of roses to Mr. Jones. How many roses does he have left?</p>	<p>Anne asked Alex how many cows he saw. He said there were fewer than 22. There were more than 20. How many cows did Alex see?</p>	<p>Farmer John's wife made some bread. She made 24 loaves of bread. She gave their friends 12 loaves of bread. How many loaves of bread did Farmer John's wife have left?</p>
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<p>Read the word. Clap your hand for each syllable. How many syllables?</p> <p style="text-align: center;">got</p> <p style="text-align: center;">1 2 3</p>	<p>57 - 1 = _____</p> 	$\begin{array}{r} 73 \\ + 25 \\ \hline \end{array}$
---	---	---

<p style="text-align: center;">Write the words into the boxes.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> drop • can • swim • kind • boat • dirt • car • size • slam • push yet • fell </div> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> <div style="width: 25%; height: 30px; border: 1px solid black; margin: 5px;"></div> </div>			
<p>55 - 1 = _____</p>	<p>49 - 3 = _____</p>	<p>400+40+2</p>	$\begin{array}{r} 89 \\ - 62 \\ \hline \end{array}$

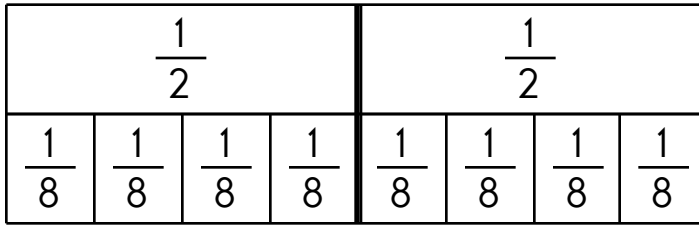
Name: _____

Nathan had fifty-eight rocks in his collection. He gave Hunter seventeen rocks. He gave Jacob nine rocks. How many rocks does Nathan have left?

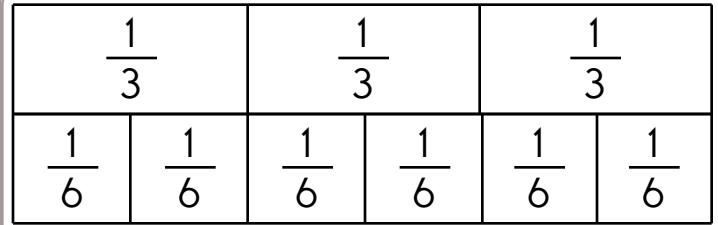
Trendy Tees made white t-shirts this week. On Monday they made 426 shirts. On Tuesday they made 419 shirts. On Wednesday they made 416 shirts. On Thursday they made 433 shirts. On what day did they make the most shirts?

Justin, Alex, and Kevin want to find out who is tallest. Each boy measured his own height. They are 123, 122, 132 centimeters tall. Justin is the tallest. Alex is 122 centimeters tall. How tall is Kevin?

Name: _____



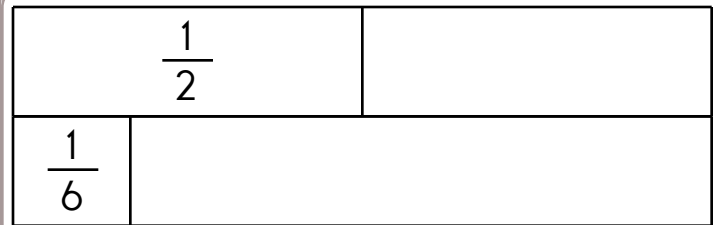
$$\frac{\boxed{}}{2} = \frac{4}{8}$$



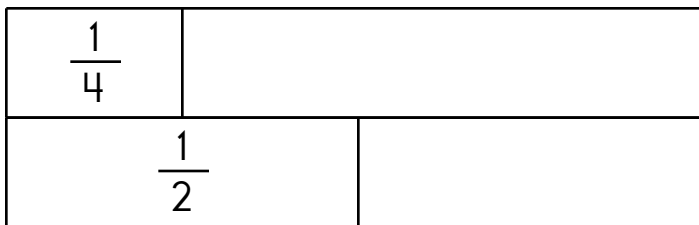
$$\frac{1}{3} = \frac{\boxed{}}{6}$$



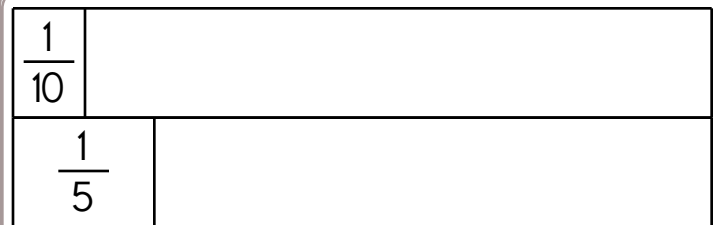
$$\frac{2}{8} = \frac{\boxed{}}{4}$$



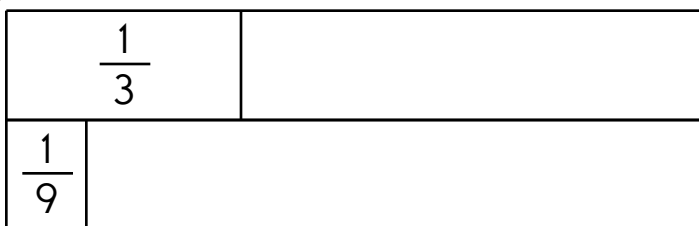
$$\frac{\boxed{}}{2} = \frac{3}{6}$$



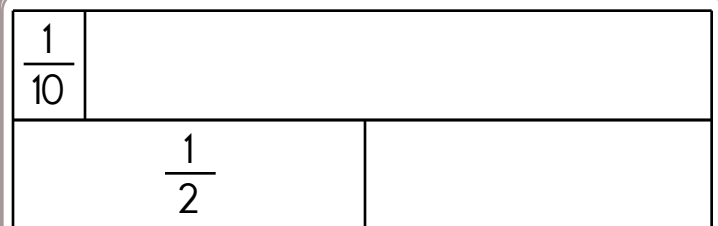
$$\frac{\boxed{}}{4} = \frac{1}{2}$$



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



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



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

Name: _____

add the ending ing

add ing

double final
consonant
add ing

drop e
add ing

oddball

1. dine _____ dining

2. seal _____

3. end _____

4. beg _____

5. park _____

6. bug _____

7. play _____

8. rain _____

9. slide _____

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Gavin and Connor played horseshoes. Gavin scored 29 points. Connor scored 9 points. How many more points did Gavin score than Connor?

What day comes after Friday?

Write an addition number sentence using the numbers 4, 5, and 1.

$$\begin{array}{r} 90 \\ - 65 \\ \hline \end{array}$$


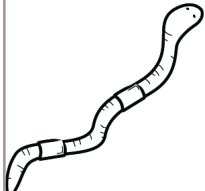

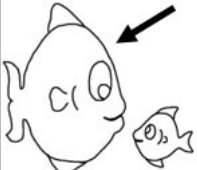
$$\begin{array}{r} 97 \\ - 67 \\ \hline \end{array}$$

$$25 + 2 = \underline{\hspace{2cm}}$$



Name: _____

Change one letter in each word to make a new word.

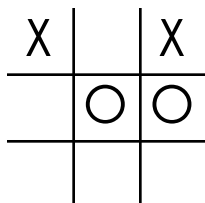
 <div style="font-size: 2em; font-weight: bold;">work</div> <div style="text-align: center;">↓</div>  <div style="font-size: 1.5em; font-weight: bold;">wor_</div>	 <div style="font-size: 2em; font-weight: bold;">pig</div> <div style="text-align: center;">↓</div>  <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>
--	---

Change one letter in each word. Write the new word. Cross off the new letter in the box.

a • m • d • u • k • d

<div style="font-size: 1.5em; font-weight: bold;">fan</div> <div style="text-align: center;">↓</div> <div style="font-size: 1.5em; font-weight: bold;">f_n</div>	<div style="font-size: 1.5em; font-weight: bold;">such</div> <div style="text-align: center;">↓</div> <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>	<div style="font-size: 1.5em; font-weight: bold;">cool</div> <div style="text-align: center;">↓</div> <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>
<div style="font-size: 1.5em; font-weight: bold;">cone</div> <div style="text-align: center;">↓</div> <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>	<div style="font-size: 1.5em; font-weight: bold;">stool</div> <div style="text-align: center;">↓</div> <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>	<div style="font-size: 1.5em; font-weight: bold;">may</div> <div style="text-align: center;">↓</div> <div style="border-bottom: 1px solid black; width: 100px; margin-left: auto;"></div>

It is your turn. Write O to make your move.



Mr. Hall had a bag of 8 red apples. He gave some apples away. He had 4 left. How many apples did Mr. Hall give away?

$$\begin{array}{r} 98 \\ - 72 \\ \hline \end{array}$$

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

$$26 - 3 = \underline{\hspace{2cm}}$$

Name: _____

Jack bought a little pink teddy bear for his sister. He will give it to her on Teddy Bear Day. He used all the money in his bank to pay for it. There were four quarters, six dimes, three nickels, and thirty-nine pennies in his bank. How much money did he spend for the pink teddy bear?

Max will give 2 cans of Play-Doh to each of his brothers. How many cans of Play-Doh will he need for 4 brothers?

Emily counted 39 parents at the picnic. Erin counted 11 more than Emily. How many parents did Erin count?

Mrs. Garcia has 23 plants. It got very hot one day. Some plants died. She had 18 plants left. How many plants died?

$$\begin{array}{r} 7 \\ 2 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 95 \\ \hline \end{array}$$

What does the word "post" mean in the following sentence?
Hudson lost his dog. He made fifty flyers to post around town.

$$\begin{array}{r} 57 \\ - 35 \\ \hline \end{array}$$

Circle the second letter.

N T C Z M J H D

Write + or - in the circles.

$$12 \bigcirc 2 = 3 \bigcirc 11$$

$$5 \bigcirc 5 = 11 \bigcirc 1$$





Name: _____

Can you guess the word?

No duplicate letters can be used.

S T A I N

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

W **E** I R D

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

R A T I O

B A R G E

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

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

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

Hint: There are no duplicate letters in the answer.

S T O L E

D E A T H

T R I E D

B C F G J K M N P Q U V W X Y Z

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

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

Hint: There are no duplicate letters in the answer.

C O V E R

S H I R T

A B D F G J K L M N P Q U W X Y
Z

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

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

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 3 in your head

add 5

Write the number.

_____ A

imagine 8 in your head

subtract 3

add 8

Write the number.

_____ B _____ C

imagine 8 in your head

subtract 2

add 8

Write the number.

_____ D _____ E

imagine 6 in your head

add 5

double it

add 2

Write the number.

_____ F _____ G

What is the sum?

A + B + C + D + E + F + G

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

_____ y _____ r _____ e _____

3 before 19 _____

1 after 19 _____

4 after 13 _____

1 before 11 _____

2 after 14 _____

3 after 18 _____

6 before 15 _____

8 after 15 _____

7 after 11 _____

7 before 18 _____

6 after 17 _____

9 after 12 _____

Name: _____

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

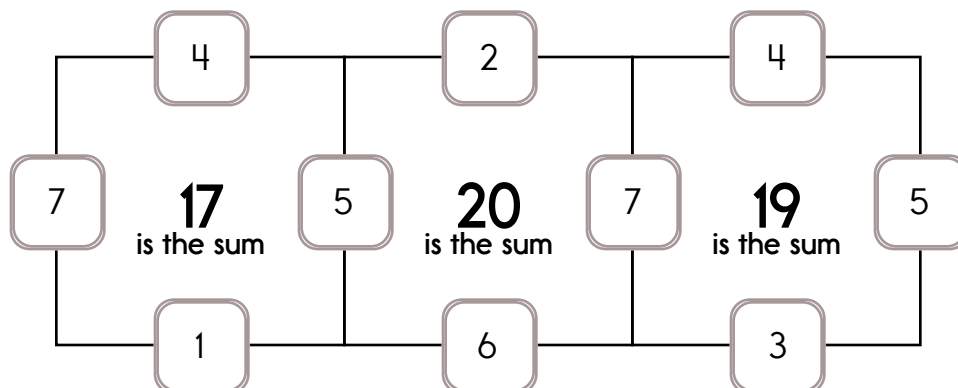
Example:

$$7 + 5 + 4 + 1 = 17$$

Example:

$$7 + 5 + 4 + 3 = 19$$

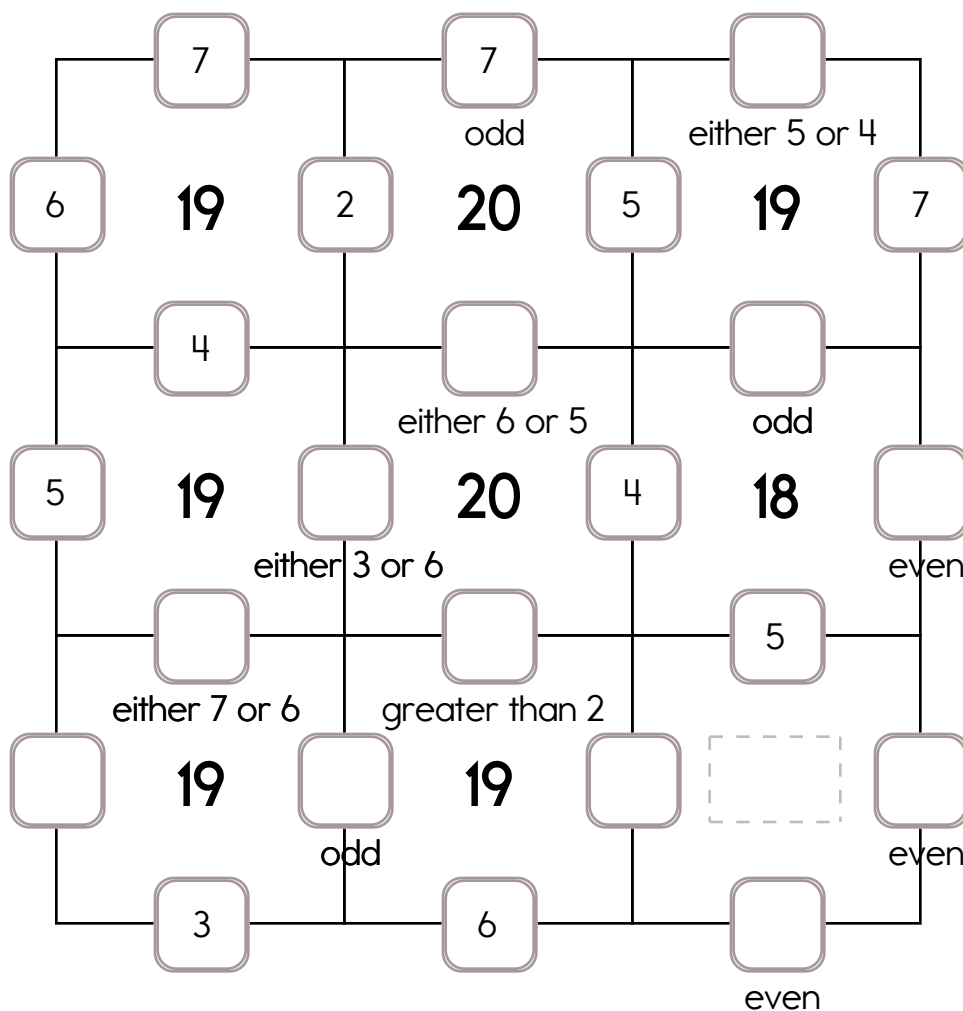
Sample:



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.

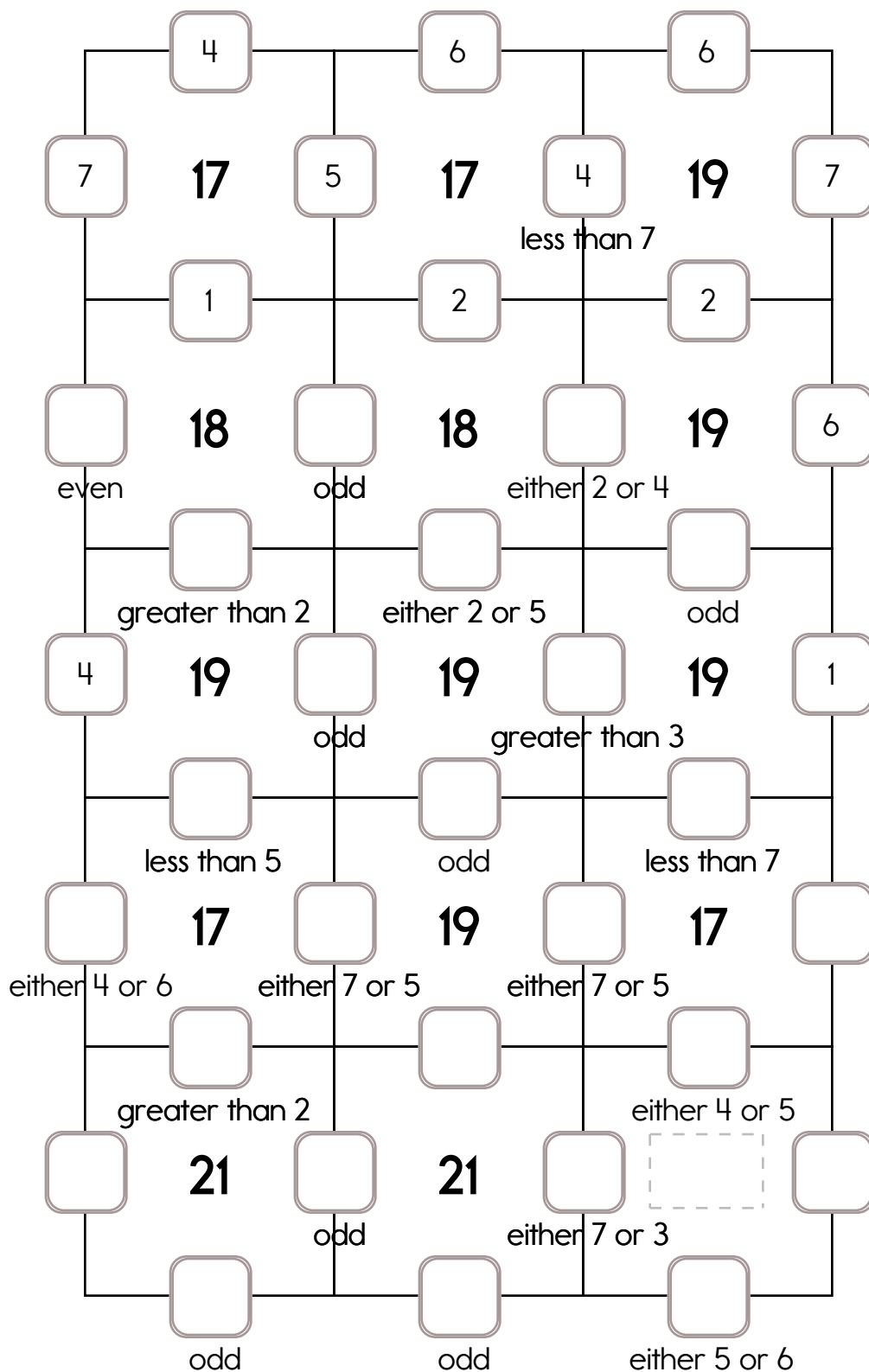


Name: _____

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.



Name: _____

Complete the pattern.

7	14	21	28	35	_____
---	----	----	----	----	-------

25	30	35	40	45	_____
----	----	----	----	----	-------

2	3	4	5	_____
---	---	---	---	-------

12	15	18	21	_____
----	----	----	----	-------

12	16	20	24	28	_____
----	----	----	----	----	-------

$\begin{array}{r} 16 \\ + 35 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ + 78 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ + 78 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ + 64 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ + 77 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ + 65 \\ \hline \end{array}$
---	---	---	---	---	---

What is the last month of the year?

$$\begin{array}{r} 29 \\ - 25 \\ \hline \end{array}$$



word root **cogn** can mean **know**

cognition, cognitive, recognition



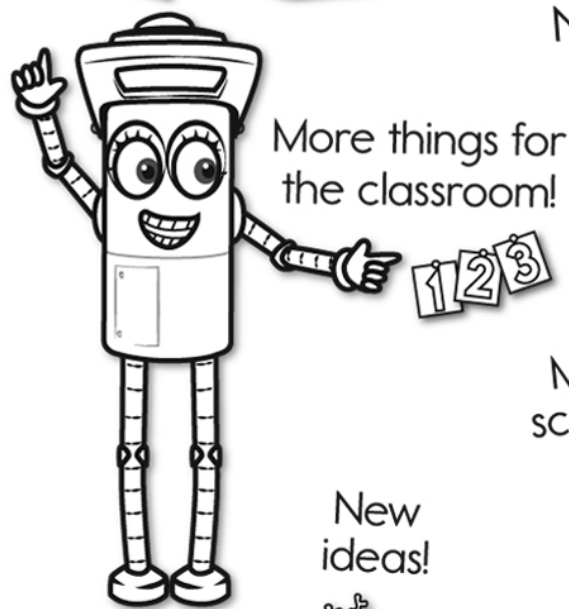
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More science!



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More puzzles!

