Name:


$\nabla 6+8=14$
$\square 7+4=11$
$\square 6+6=$
$\square 12+12=24$
$\square 10+8=18$
$\square 4+2=6$
$\square 8+2=10$
$\square 4+8=$
$\square 4+12=$
$\square 5+5=$
$\square 5+12=$
$\begin{array}{lllllllllllllll}16 & 17 & 9 & 13 & 12 & 6 & 6 & 15 & 17 & 4 & 5 & 10+8 & =18 & 27 & 4\end{array}$ $\begin{array}{llllllllllllllll}5 & 3 & 2 & 26 & 24 & 14 & 6 & 10 & 16 & 5 & 6 & 8 & 10 & 6 & 11 & 8\end{array}$ $\begin{array}{llllllllllllllll}12 & 11 & 5 & 20 & 17 & 15 & 10 & 12 & 16 & 12 & 10 & 17 & 7+4 & =11 & 12\end{array}$ $\begin{array}{lllllllllllllll}17 & 15 & 6 & 13 & 1 & 23 & 25 & 7 & 4 & 24 & 24 & 26 & 4 & 4 & 12\end{array} 9$ $\begin{array}{lllllllllllllll}7 & 14 & 11 & 5 & 5 & 0 & 28 & 15 & 7 & 5 & 25 & 3 & 14 & 17 & 19\end{array} 21$ $\begin{array}{lllllllllllllll}27 & 14 & 12 & 12 & 5 & 12 & 19 & 6 & 12 & 8 & 8 & 14 & 14 & 2 & 6\end{array}$ $\begin{array}{llllllllllllll}6 & 9 & 4 & 12 & 13 & 10 & 4+2 & =6 & 12 & 7 & 15 & 16 & 11 & 13\end{array}$ $\begin{array}{lllllllllllll}2 & 8 & 18 & 12+12 & =24 & 11 & 2 & 8 & 15 & 4 & 10 & 4 & 6\end{array} 16$ $\begin{array}{llllllllllllllll}4 & 7 & 2 & 11 & 5 & 10 & 2 & 3 & 10 & 17 & 12 & 4 & 16 & 10 & 2 & 4\end{array}$ $\begin{array}{llllllllllll}6 & 12 & 6+8=14 & 12 & 12 & 17 & 13 & 11 & 7 & 10 & 20 & 2\end{array} 1417$ $\begin{array}{llllllllllllll}4 & 10 & 16 & 8 & 4 & 12 & 2 & 10 & 8+2 & =10 & 15 & 12 & 8 & 8\end{array} 11$ $\begin{array}{lllllllllllllll}8 & 6 & 8 & 8 & 13 & 9 & 4 & 4 & 5 & 2 & 5 & 18 & 19 & 16 & 2\end{array} 17$ $\begin{array}{llllllllllllllll}15 & 16 & 5 & 8 & 12 & 25 & 2 & 7 & 12 & 9 & 6 & 12 & 12 & 6 & 10 & 8\end{array}$

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?
$\qquad$

Mental
$=$ Do it in your head!

| imagine 9 in your head add 1 | imagine 7 in your head <br> add 8 <br> subtract 4 | imagine 4 in your head <br> add 6 <br> double it | imagine 7 in your head |
| :---: | :---: | :---: | :---: |
|  |  |  | double it |
|  |  |  | add 6 |
|  |  |  | subtract 2 |
| Write the number. | Write the number. | Write the number. | Write the number. |
| $A \quad B$ | $C$ D | $E$ F | $G \quad \mathrm{H}$ |

## What is the sum?

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

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

$\qquad$

3 after 14 $\qquad$ 1 before 15 $\qquad$ 8 before 11 $\qquad$

7 after 19 $\qquad$ 9 before 18 $\qquad$ 3 before 19 $\qquad$

8 after 17 $\qquad$ 4 before 16

7 before 13 $\qquad$

9 after 13 $\qquad$ 2 before 14 $\qquad$ 5 before 12 $\qquad$

Name:

Kevin read 111 limericks. Robert read 103 limericks. How many limericks did they read in all?

Thornton Wilder's birthday is 8 days after Adam's birthday. Adam's birthday is March 27. On what date is Thornton Wilder's birthday?

Kevin, Jason, and Jacob want to find out who is tallest. Each boy measured his own height. They are 127, 122, 128 centimeters tall. Kevin is the tallest. Jason is 122 centimeters tall. How tall is Jacob?

Wendy has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?


Name: $\qquad$

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

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

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:

| Wendy has fifteen <br> books. Two books have <br> red covers. How many <br> books do not have red <br> covers? | Alex told three jokes. <br> David also told three <br> jokes. Emma told five <br> jokes. Hunter told two <br> jokes. Ava told three <br> jokes. All the jokes were <br> very funny. Their friends <br> laughed. Everyone was <br> happy. How many jokes <br> were told in all? | Holly saw 9 cookies on a <br> plate. She ate 4 of them. <br> How many cookies <br> were left on the plate? |
| :--- | :--- | :--- |



Name: $\qquad$

| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{5}{5}$ |  | $\frac{1}{5}$ |  | $\frac{1}{5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1 | 1 |  |  | 1 |  |
| $\frac{10}{10} \frac{1}{10}$ | $\frac{1}{10} \frac{1}{10}$ | 10 |  | 10 | 10 | 10 |
| $\frac{2}{5}=\frac{2}{10}$ |  |  |  |  |  |  |



\[

\]



| $\frac{1}{6}$ |  |
| :--- | :--- | :--- |
| $\frac{1}{3}$ |  |
|  | $\frac{\square}{6}=\frac{\square}{3}$ |

Name:


63 is 3 spots away from 60.
$63-\quad=60$
63 is $\quad 7 \quad$ spots away from 70.
$63+\ldots=70$
63 is closer to 60 or 70


15 is $\qquad$ spots away from 10.
$15-\ldots=10$

15 is $\qquad$ spots away from 20.
$15+\ldots=20$

15 is closer to 10 or 20


52 is $\qquad$ spots away from 50.
$52-\ldots=50$

52 is $\qquad$ spots away from 60.

$$
52+\ldots=60
$$

52 is closer to 50 or 60


24 is $\qquad$ spots away from 20.

$$
24-\ldots=20
$$

24 is $\qquad$ spots away from 30.

$$
24+\ldots=30
$$

Name:
Round to the nearest ten. 90 to 94 rounds down to 90 .


Round to the nearest ten.
70 to 74 rounds down to 70 .
$97 \rightarrow$
$93-$ $\qquad$
$\qquad$
$100 \rightarrow$

75 to 80 rounds up to 80 .
$75 \rightarrow$ $\qquad$
$76 \rightarrow \longrightarrow$
$\qquad$
$80 \rightarrow$

$71 \rightarrow$

Round to the nearest ten.
20 to 24 rounds down to 20.
25 to 30 rounds up to 30 .

$30 \rightarrow$
$\qquad$
$27 \rightarrow$
24


Round to the nearest ten.
80 to 84 rounds down to 80 .
85 to 90 rounds up to 90 .

$\qquad$
$82 \rightarrow$
$83 \rightarrow$

Round to the nearest ten.
30 to 34 rounds down to 30 .
35 to 40 rounds up to 40.
$35 \rightarrow \quad 40$
$38 \rightarrow$ $\qquad$
$36 \rightarrow$
32 $\qquad$
$\qquad$
$40 \rightarrow$

Name:




Name: $\qquad$
Round each number to the nearest tens. Add or subtract to get an estimate of the answer.


Name:


Write the final part of the math analogy.
453: 853 :: 561 :
Explain why you think your answer is correct.

Count by 1 .

11

$$
\ldots \text { is } 2 \text { more than } 11 \text {. }
$$

Write + or - in the circles.


Write fr or ch to complete each word.
$\qquad$ om $\qquad$ are
$\qquad$ end $\qquad$ ildren

Name:



Name:


$$
\frac{3}{4}-\frac{1}{4}=
$$



Name: $\qquad$

| twelve $\quad 12$ | 27 twenty-seven |
| :---: | :---: |
| three | 65 |
| seventy | 90 |
| fifty $\qquad$ | 44 |
| eighty-nine | $6$ |
| thirty-one |  |
| $\begin{aligned} 50+\ldots & =52 \\ \ldots & +7 \end{aligned}=67$ <br> 30 and $\qquad$ make 34. $\qquad$ and 1 make 81 . $40+9=$ $\qquad$ <br> 20 and 6 make $\qquad$ | 1 more than 70 is |
|  | 3 more than 67 is |
|  | 2 more than 49 is |
|  | 9 more than 51 is |
|  | 9 more than 16 is |
|  | 7 more than 74 is |

___ more than 24 is 28
___ more than 36 is 38
5 more than $\qquad$ is 5

9 more than $\qquad$ is 96

8 more than $\qquad$ is 60
___ more than 49 is 55
___ is less than 67.
___ is greater than 53.
There are $\qquad$ tens in 38.

There are $\qquad$ ones in 63.
___ is 4 more than 39

Name:

$\$ 10.01$

(525) 25


Name:


Compare.

$\qquad$

$\qquad$

$$
\begin{aligned}
& \begin{array}{r}
89 \\
+4230 \\
+96 \\
\hline
\end{array}
\end{aligned}
$$



## Can you guess the word?

No duplicate letters can be used.
R
I
V
A
L

The letter R is in the word and is in the correct spot.
$\square$ S I N G

The letter $S$ is in the word, but S is not in that spot.
A B CDEFGHIJKL

## A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.


Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!) MLGXTAMASYLNEAALNGA GOHOINNADPHPHYNDAOO X L S A POLGGPHOQLYOAOK L L U E L AAUOONALAOVMAA MELLNOYYPONNSNLSAQS GATGAMNNNVAYGEOOGGE ONONSBAGGSNEOHAAANZ AUKLLNPANHNLHAHOABO

Hint: There are no duplicate letters in the answer.


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

UMAGIHHMYHHLUDVSFCC H D I J U E DHOUBS B DAHLJ S H H DND Z A B Y WHZUPHASEN GUHHMPTNBK JCNMJHMEA S UK S H N NHHADKCMVEXMH NGHFSQAABUCUHHPVAQA CHUMIDKSDDBMHVKINAW HNHXHHUDNYOAQULNMHP

Hint: There are no duplicate letters in the answer.


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

R J L Y L L A R A A W A L Z L L R E N FALOVFARYDAYHAMVGYM S Y Q R R LVYGMMARYLEDEN AGMAAENDGTRYLOAYALA GMNWEZACABLEALLWDAP FOORAEGDLFNALLLLEEK N A Y N Y Y Y A Y S D F Y AMODME PRMNGOADOGLNHGYIEYN

Name:
Draw a slide of the shape by moving the shape 3 dots to the left and 3 dots down.


Draw a slide of the shape by moving the shape 3 dots to the left and 3 dots down.


Draw a slide of the shape by moving the shape 1 dot to the right and 2 dots down.


Name:
Complete the pattern.


Fill in the numbers.




