Name: $\qquad$

$$
\begin{aligned}
& 4 \cdot+\bullet 1 \cdot 6 \cdot 4 \cdot 7 \bullet-\bullet 2 \cdot 6 \cdot 6 \bullet=\bullet 6 \cdot 8 \bullet+\bullet-\cdot+ \\
& 0 \cdot 8 \cdot 9 \cdot 5
\end{aligned}
$$

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


## Make your own

 equation.$$
\ldots+23=
$$

What is 23 less than 212?

double 900


Name: $\qquad$
Make change. You can use $\$ 20, \$ 10, \$ 5, \$ 1,25 \llbracket, 10 \llbracket, 5 \llbracket$, or $1 \uparrow$.
Use the fewest bills and coins to make $\$ 14.18$.
$\square \square \square$


Use the fewest bills and coins to make $\$ 34.44$.


Use the fewest bills and coins to make $\$ 27.56$.

Use the fewest bills and coins to make $\$ 52.22$.

$3+4=\square$
9-7 = $\square$

Name:
Find the missing numbers. These both have the same rule. What is the rule?
If If
$1,5=6$
$4,12=16$
$2,9=11$
$5,14=19$
$3,13=16$
$6,19=25$
$4,17=21$
$7,21=28$

Then
$5,20=?$

Then
$8,24=$ ?

Find the missing numbers. These both have the same rule. What is the rule? If
$1,9=10$
$5,4=9$
$2,14=16$
$6,8=14$
$3,17=20$
$7,13=20$
$4,22=26$
Then
$5,25=?$
$8,16=24$
Then
$9,18=$ ?

Name:

| Adam is five years older <br> than his best friend. His <br> best friend is twice as <br> old as Adam's brother. <br> Adam's brother is six. <br> How old is Adam? | Peter wanted to be a <br> juggler. He practiced <br> for 28 minutes every <br> day. How many hours <br> did he practice in one <br> week (7 days)? | Robert bought 3 flags. <br> Each flag cost 1 quarter <br> and 15 pennies. How <br> much did he spend in <br> all? |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |



Name:
Count by 8 s.

Draw ONE continuous line that touches every box ONCE.
Count by 8 s . Find the box with the number 8 . Move up, down, right, or left.
Keep counting until you reach 224 . Do not move into a spot with a ghost.


Round to the nearest thousand.


Name: $\qquad$

## Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 6 . Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11 .

Here is an example of a sudoku sum of 11:


Name:


Name: $\qquad$

| X | 8 |  | 7 |  | 7 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | - 8 | x | $\times 7$ | x | -7 | $48$ |
|  | - 8 | x | $\times 7$ |  | $\times 7$ | -x |
| 7 | $7 \times 8$ | $\begin{array}{r} 21 \\ 7 \times \\ \hline \end{array}$ | $\begin{gathered} 49 \\ 7 \times 7 \\ \hline \end{gathered}$ | 7 x | $7 \times 7$ | $\begin{array}{r} 56 \\ 7 \times \\ \hline \end{array}$ |
| 8 | $\underline{8} \times 8$ | $\underline{8} \times$ | $8 \times 7$ | $\begin{array}{r} 82 \\ 8 \times= \\ \hline \hline \end{array}$ | $\begin{array}{r} 56 \\ 8 \times 7 \\ \hline \end{array}$ | $8 \times$ |
|  | $\begin{array}{r} 56 \\ \hline \\ \hline \hline 8 \\ \hline \end{array}$ | - | - $\times 7$ | $28$ | - $\times 7$ |  |
| 8 | $\begin{aligned} & 64 \\ & 8 \times 8 \\ & \hline \end{aligned}$ | $8 \times$ | $8 \times 7$ | $8 \times$ | $8 \times 7$ | $\begin{gathered} 64 \\ 8 \times-1 \end{gathered}$ |



Name: $\qquad$

$$
\begin{aligned}
& 2 \cdot=\cdot 1 \cdot 1 \cdot 3 \cdot+\bullet 6 \cdot 3 \cdot+\bullet 0 \cdot=\bullet 3 \cdot 1 \cdot 0 \cdot 1 \cdot 2 \cdot 8 \\
& 6 \cdot 2 \cdot 1
\end{aligned}
$$

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


Round 37 to the nearest 10.
$12-6=\square$
$7+3=\square$
$9+4=\square$
$4 \times 1=\square$

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!

$$
\begin{array}{cccr}
70-34 & 69 & 46 & 26 \\
9+70 & 55+3 & & 68-17 \\
74-59 & 79 & 74+1 & 64
\end{array}
$$

Write 2 equations:

$$
\begin{aligned}
& 60 \quad 85+8 \\
& 7+33 \\
& 1+23 \quad 2 \\
& 8+29 \\
& 137 \\
& 8+26 \\
& 4+76 \\
& 86 \\
& 3+27 \\
& \begin{array}{r}
24 \\
99
\end{array}
\end{aligned}
$$

Write 2 equations:
$49 \quad 1+39$

\[

\]

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!
70-2
88-2
$99 \quad 25$
92-2
99-5
82
$71+30$
73
$45+28$
33
52

85

82-1
26

Write 2 equations: $\qquad$
91 149 80-4
20-2
153

$$
82+47 \quad 57+24
$$

81
$14-6$
94
$87+71$
99-5
13
97
16

Write 2 equations:

$$
\begin{array}{ccccc}
95 & 39 & 105 & 32+5 & \\
9-6 & & 0 & 84 & 99+8 \\
9-64 \\
43+2 & 94 & 97^{9+33} & 97 \\
3 & & 8+8 & 77+8
\end{array}
$$

Name: $\qquad$

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

Example:
Example:


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: $-8,-1$, or -7 .
The other three numbers have to all be DIFFERENT and must be from these: $6,13,19$, $7,18,3$, or 14.

greater than 3

Name: $\qquad$
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: -8, -3 , or -2 .
The other three numbers have to all be DIFFERENT and must be from these: $12,5,10$, 17, 13, or 15.


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