Name: $\qquad$

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
Example:
Example:
$10+9+30+90=139$


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 ones, 9 ones, or 6 ones. The other three numbers have to all be DIFFERENT and must be from these: 9 tens, 1 ten, 7 tens, or 3 tens.

$4+6=\square \quad 11-2=\square \quad 11-3=\square$

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: 3 tens, 6 tens, or 5 tens. The other three numbers have to all be DIFFERENT and must be from these: 7 ones, 8 ones, 9 ones, 2 ones, or 1 one.


Complete the analogy.
Underline the adverb. Circle the verb.
over: $\qquad$ :: up : down

Dad tightly screwed the lid on the pickle jar.

$$
\begin{aligned}
& 6+\square=27 \\
& 31+\square=33
\end{aligned}
$$

Name:
Peter bought a chocolate football. It cost fifty-seven cents. He gave the clerk a dollar. How much money did Peter get back?

Jenna, Amy, and Robert are the judges for the class yo-yo contest. They will each give a score from 0 to 10 for each performance. Alex was the first to go. After the performance, Mrs. Garcia added up the score. Wow! Alex got the same score from all three judges for 27. What score did each judge give him?

Alex is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 12 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did Alex use?
$11+\square=18 \quad 7+\square=24 \quad 20+\square=28 \quad 23+\square=25$

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 $\$ 56.45$.

$\square$
$\square$
$\$ 1$
$25 \mathbb{}$


Use the fewest bills and coins to make $\$ 22.58$.


Use the fewest bills and coins to make $\$ 45.56$.

Use the fewest bills and coins to make $\$ 27.34$.


There are 10 pieces of fudge on each plate. There are 4 plates. Count by tens. How many pieces of fudge are there in all?

Robert has one dime, two nickels, and five pennies. Max has two dimes and twenty-one pennies. How much more money does Max have than Robert?

The brownie baking contest is on December 7. Adam's birthday is 2 weeks later. On what date is Adam's birthday?

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.


Draw the 3 pictures in the correct order:


Name:

| Write a word to describe January. | 214 |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Write the numbers in order from largest to smallest. |  |  |  |  |


|  | Color in $\frac{2}{5}$ of the rectangle. |  |
| :---: | :---: | :---: |
| single : one :.: <br> couple : |  |  |
| autumn : season :. <br> November: | $24+\square=39$ |  |

Write the final part of the math analogy.
10 $\qquad$ 12: 11 :: 53 $\qquad$ $55:$

Explain why you think your answer is correct.

Here is an example of shade box addition:

 $=$|  |  |
| :--- | :--- |
|  |  |

Color the correct squares.


Name:


Name:



Name: $\qquad$
Complete each pattern, using the same rule. Write what the rule is.

| 30, 117, 104, $\qquad$ $\qquad$ 65, 52, 39 |
| :---: |
| 184, 171, 158, _ |
| 127, $\qquad$ 88, 75, $\qquad$ |
| $\ldots \longrightarrow, 94,81,68,$ |

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

If
$1,11=12$
$2,15=17$
$3,19=22$
$4,24=28$
Then
$5,29=?$

If
$4,9=13$
$5,11=16$
6. $14=20$
$7,19=26$
Then
$8,21=$ ?

Name:

Nathan and Jack went to see a very funny movie. The tickets cost $\$ 4.50$ each. They each had popcorn and a drink. Each drink cost $\$ 0.94$ and each box of popcorn cost $\$ 2.50$. How much did they spend in all?

David counted his Dr. Seuss books. He put them in 2 groups of five and has 3 books left over. How many books does he have?

Jack is drawing a map of Japan. It took him 10 minutes to draw half of the map. If he works at the same rate, how long will it take him to draw the whole map?

## Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4 . Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7 .

Here is an example of a sudoku sum of 7 :


Name: $\qquad$


Facts
Rose is four years old.
Robert is forty-eight years older than Rose.
Nathan is thirty-nine years older than Rose.
Mary is nineteen years older than Nathan.

How old is Rose? $\qquad$
How old is Robert? $\qquad$
How old is Nathan? $\qquad$
How old is Mary? $\qquad$

$14-9=\square \quad 3+9=\square+5=\square \quad 8-1=\square$



