Name: $\qquad$
Make change. You can use $\$ 20, \$ 10, \$ 5, \$ 1,25 \llbracket, 10 \llbracket, 5 \llbracket$, or 14 .
Pam has $\$ 107.15$. She has 9 bills and 18 coins. How?


Pam has $\$ 62.16$. She has 7 bills and 13 coins. How?

Bill has $\$ 60.11$. He has 3 bills and 9 coins. How?

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

63, $\qquad$ $49,42,35,28,21,14,7$
$\qquad$
$\qquad$

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!


Name: $\qquad$


## Equations and Hints:

Each letter is a whole number.
Fill in the equations using the chart:

$$
\begin{aligned}
& C+A=9 \quad A+A+A=-\quad{ }^{+}+\ldots=17 \\
& C_{+}=2
\end{aligned}
$$

Additional hints:

$$
B=C+8 \quad C>4 \quad A \text { is the smallest. }
$$

Show Work:

Erin and her mother planned to take tulips to the hospital for the 10 new mothers there. For each mother, Erin made a bouquet of 3 tulips and tied them together with pretty red and white ribbon. How many tulips did she need to make the bouquets?

In autumn, Max helps his father gather the buckets of sap from their maple trees. Later they will make maple syrup from it. Each bucket has six quarts of sap in it. Max and his father gathered thirty-two buckets of sap. How many gallons of sap did they gather? Write your answer in decimal format.

Complete.

## 3 balloons $=2$ smiles

$$
12 \text { smiles }=3 \text { hearts }
$$

$$
3 \text { hearts = ___ balloons }
$$

Maria is playing Half Court Quick Hoops at the local arcade. She may be playing way too much! She averages 8 baskets in just 7 seconds. If she can keep up at that rate, how many baskets will she get in during the first round, which is 63 seconds?

Name:


Get a fidget spinner! Spin it.
Not Exact
I needed to spin ___ time(s) to finish.
Estimate - With a Good Guess

| $\begin{aligned} & 34 \div 10 \\ &> 3 \\ & \hline \end{aligned}$ | $\begin{array}{r} 82 \div 9 \approx \frac{9}{10} \\ >9 \quad<\underline{9} \end{array}$ | $21 \div 4 \approx$ |
| :---: | :---: | :---: |
| $89 \div 12 \approx$ | $26 \div 3 \approx$ | $40 \div 6 \approx$ $\qquad$ |
| $35 \div 8 \approx$ $\qquad$ | $76 \div 8 \approx$ $\qquad$ | $\begin{aligned} & 22 \div 7 \approx \\ &> \end{aligned}$ |
| $38 \div 7 \approx$ $\qquad$ | $45 \div 10 \approx$ | $94 \div 12 \approx$ $\qquad$ |
| $40 \div 6 \approx$ | $44 \div 5 \approx$ | $28 \div 5 \approx$ |
| $65 \div 9 \approx$ | $91 \div 11 \approx$ | $\begin{array}{r} 26 \div 4 \approx \\ >-\quad< \end{array}$ |
| $\begin{aligned} & 101 \div 11 \approx \\ &>< \end{aligned}$ | $18 \div 4 \approx$ $\qquad$ $\qquad$ $\qquad$ | $\begin{array}{r} 35 \div 9 \approx \\ > \end{array}$ |
| $59 \div 8 \approx$ | $43 \div 5 \approx$ | $\begin{array}{r} 13 \div 3 \approx \\ >- \end{array}$ |

Name: $\qquad$
Write four words to describe this pool.

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$


Write the fraction for 0.97 .

| $6 \longdiv { 5 4 }$ | $8 \longdiv { 6 4 }$ | $7 \longdiv { 4 9 }$ |
| :--- | :--- | :--- |
| $2 \longdiv { 1 4 }$ | $3 \longdiv { 6 }$ | $4 \longdiv { 1 2 }$ |

What is the area of a square that measures 11 mm on one of its sides?

What is the range of these numbers?
$27,27,21,15,26,27$

Fill in the blanks with these numbers:

4, 1, 6


95

Fill in the blanks with these numbers:

6, 1, 4


Name:


Name: $\qquad$

$$
\begin{array}{|l}
6 \cdot x \cdot 9 \cdot=\cdot 5 \cdot 3 \cdot x \cdot 4 \cdot 2 \cdot 0 \bullet=\bullet 5 \cdot 8 \cdot 4 \cdot 0 \cdot 5 \\
5 \cdot 2
\end{array}
$$

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


This is the look at one cube that is turned around a few times.


This pattern can be folded into the cube. Fill in the missing boxes.


Name:


|  |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Name: $\qquad$

$$
\begin{aligned}
& +\bullet 7 \bullet 2 \bullet 6 \bullet 4 \bullet 6 \bullet+\bullet 7 \bullet 0 \bullet=\bullet 4 \bullet 1 \bullet+\bullet 4 \bullet+\bullet 1 \\
& =\bullet 6
\end{aligned}
$$

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



Name: $\qquad$
Mental Math
Start with the product of 8 and 9 .
Add the number of inches in 1 foot.
4378448692 (Circle your answer to double check you are correct.)
Add a dozen.
6969553846
Add the number of days in a week.
9389103015
Add the number of legs on 9 chickens.
6012102855

- Add the number of pennies in a dollar.

8129792211
Add 5 hundreds.
7214647081
$\Rightarrow$ Add the number of ounces in 1 pound.
2239873778
add a dozen.
7680749168
Add half of 12.
4137556480
Add the number of days in a week.
7837507621

Name:

| sixty $\quad 60$ | 84 eighty-four |
| :---: | :---: |
| seventy-six | 59 |
| fifty | 90 |
| ninety | 67 |
| eighty-three | 82 |
| seventy-eight |  |
| $\qquad$ $+7=57$ <br> $60+$ $\qquad$ $=61$ <br> and 8 make 58 . <br> 70 and 9 make $\qquad$ <br> 80 and $\qquad$ make 80. $60+2=$ $\qquad$ | 2 more than 61 is |
|  | 3 more than 56 is |
|  | 5 more than 78 is |
|  | 8 more than 80 is |
|  | 6 more than 52 is |
|  | 9 more than 83 is |

2 more than $\qquad$ is 78

3 more than ___ is 66
4 more than $\qquad$ is 61
___ more than 88 is 97 ___ more than 65 is 72
___ more than 71 is 77
___ is less than 75 .
___ is greater than 73.
There are $\qquad$ tens in 85.

There are $\qquad$ ones in 74 .
___ is 7 more than 39

Name:
A number greater than zero, but less than 12 has some factors. Two of its factors are 2 and 5. Can you name at least one number that fits this?

Connect coin groups to make 75 cents. How many groups can you make?

## 5 pennies $\quad 2$ nickels 10 nickels

1 quarter
1 nickel
2 quarters

20 pennies
6 nickels
3 dimes

There are 3 birthdays in our class for the month of September. Robert, Adam, and Megan all have birthdays. Megan is the last to celebrate. Her birthday is on the last day of the month. If you add the day numbers of the other birthdays, it equals the day number that Megan celebrates her birthday. The first person to celebrate is Robert. His birthday is 12 days before the next birthday. On what day numbers are each of their birthdays?

Name: $\qquad$
The block above is the sum of the two blocks below. Fill in the missing blocks.


Name: $\qquad$


|  | +1 | -1 | +10 | -10 | +4 | -4 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |$+100$

Name: $\qquad$
1 centimeter $=10$ millimeters
5 centimeters $=50$ millimeters
100 millimeters $=10$ centimeters
Draw a line to match each problem with the same answer.

What is the least common
multiple of 3 and 9 ?
What is the least common
multiple of 4 and 5 ?

What is the greatest common factor of 6 and 2?

You need to add what to 57 to get 64?


What is 17 less than $1,499 ?$
$10 \times 4-10+7$

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


Did you find a path? Write the equation.

$$
8+\underline{6}+\underline{7}+\ldots+\ldots+\ldots+
$$

$$
L^{+} L^{+}{ }^{+}=66
$$

Name: $\qquad$
Draw ONE continuous line that touches every box ONCE.
Count by 2s. Find the box with the number 14. Move up, down, right, or left.
Keep counting until you reach 146. Do not move into a spot with a picture.


Calculate the product of 9 and 10.

current time (pm) time party starts (pm)

How long until the party?
Circle the largest number.
$572 \quad 564 \quad 612$
540553

| 13 |
| ---: |
| +62 |

Name: $\qquad$
Each box needs a number from 1 to 9 . You may re-use numbers.


How many seconds are in five minutes?

If $\square=12$, then $\square+7=$ $\qquad$

Color in $\frac{2}{4}$ of the rectangle.


| Which number is greater: 0.1 <br> or $0.18 ?$ | O boast <br> O bost <br>  |
| :--- | :--- |
|  | O baost |
| Obaos |  |


| Make a pattern. | Write 438 in expanded <br> Start with 41. <br> notation. <br> Add 7. |
| :--- | :--- |
|  |  |

Write this number using words.
Circle the even numbers.

| 48 | 131 | 38 | 72 |
| :--- | :--- | :--- | :--- |
| 39 | 133 | 34 | 89 |
| 60 | 57 | 62 | 77 |

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