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


Name:

| 4 | $-\frac{5}{8}$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 32 |
| :--- | :--- | :--- |
| +34 | | Mary rolls two dice. She adds the |
| :--- |
| numbers on the two dice. What is |
| the chance of this sum being |
| eight? |

Name: $\qquad$

Get a fidget spinner! Spin it.
I needed to spin $\qquad$ time(s) to finish.
Find the LCM using the Birthday Cake method.


Name: $\qquad$

Spin again.
I needed to spin $\qquad$ time (s) to finish.
Find the LCM using the Birthday Cake method.


Name:

| Mr. Hernandez bought some paint to make birdhouses. He put the paint in smaller cans so each student in his class could have a can. Each can holds $1 \frac{1}{2}$ pints of paint. He filled $15 \frac{1}{2}$ small cans with the paint he bought. How many pints of paint did he buy? | Jacob is feeling stressed this morning. He did not get enough sleep because a dog barked most of the night. The dog barked from 11:40 p.m. until 12:06 a.m. Then it started barking again at 3:31 a.m. and didn't stop until 4:12 a.m. How long did the dog bark in all? | A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 26 feet and a perimeter of 105 feet. What was the sign's width? |
| :---: | :---: | :---: |



Name: $\qquad$

$$
\begin{aligned}
& 3 \bullet+\bullet 8 \bullet 3 \bullet 4 \bullet 1 \bullet 7 \bullet-\bullet 7 \bullet=\bullet 1 \bullet+\bullet 9 \bullet 0 \bullet 0 \bullet+\bullet 3 \\
& 3 \bullet 4 \bullet 7
\end{aligned}
$$

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


Name:

| Circle the digit in the tenths place. 48.14 | $11 \times 4=$ |  | $9 \times 11=$ |  |
| :---: | :---: | :---: | :---: | :---: |
| $99 \div 11=\square 2 \times 3=$ | $2 \times 3=$ | Emma is younger than Megan. Mary is older than Emma. Who's the youngest? |  |  |
| Can 536 be evenly divided by 8 ? Circle: 536 is evenly divisible by 8 536 is NOT evenly divisible by 8 |  | 2,854 + 2,189 = |  |  |
|  |  |  | er is halfway and 40? |  |
| Erin told Emily that she multiplied two consecutive whole numbers and the answer is 210 . Emily | $10 \times 9=$ |  | $110 \div 10=$ |  | doesn't believe that is possible. She thinks Emily must have multiplied wrong. Who is correct?


| $5 \times 9=\ldots$ | Write this as a number in standard form. <br> Use a comma in your number. | $6 \times 6=\ldots$ |
| :--- | :--- | :--- |
|  |  |  |
| six hundred forty-two thousand four |  |  |
| hundred seventy-seven |  |  |$\quad$.

Name: $\qquad$

$$
\begin{aligned}
& 5 \cdot x \cdot \div \cdot 9 \bullet=\bullet 2 \bullet 1 \bullet 4 \bullet 4 \bullet 8 \bullet 4 \bullet 5 \bullet 5 \bullet 0 \bullet \div \cdot 9 \\
& 3 \bullet=6 \cdot 6
\end{aligned}
$$

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




A bike originally priced at $\$ 120$ is marked down by $40 \%$. What is the sale price?


Name:
Sierra, Lauren, Julia, and Victoria each ate something different for breakfast (yogurt, muffins, a bagel, or pancakes). They also each had something different to drink (coffee, orange juice, milk, or apple juice).

Figure out what each person had for breakfast.

1. The person who had muffins did not have apple juice.
2. Julia did not have a bagel or orange juice.
3. The person who had yogurt also had orange juice.
4. Victoria did not have yogurt.
5. Victoria likes to drink either coffee or apple juice for breakfast.
6. Lauren did not have muffins.
7. The person who had pancakes also had milk.
8. Lauren did not have yogurt or milk.
9. Sierra did not have milk.
10. The person who had a bagel did not have milk.
11. Sierra likes to drink either milk or orange juice for breakfast.
12. Julia did not have apple juice.

Sierra had $\qquad$ for breakfast and drank $\qquad$
Lauren had $\qquad$ for breakfast and drank $\qquad$
Julia had $\qquad$ for breakfast and drank $\qquad$
Victoria had $\qquad$ for breakfast and drank $\qquad$

Name:

Mental Math
Start with the number 702.
702

Add half of 58 .
1826731862 (Circle your answer to double check you are correct.) $\qquad$

$\Rightarrow$ Add 19.
1165475039
Divide by 10 .
5675119527
© Increase that number by 17 .
9211225449
$\Leftrightarrow$ Add the digits in your number. The sum of that is your new number.

3091171989
$\Leftrightarrow$ Add 5.
3817911625
Find the square root.
1087643943
add 48.
3527796020
Divide by 4 .
1763137922
Add half of 52.

Name:

Evaluate when $d=12$.
$101-8 d$
Evaluate when $q=99$.
$48+q$

Evaluate when $p=7$.
$2 p+16+7 p$

Evaluate when $x=89$.
$721-x$

Evaluate when $y=15$.
$\frac{12 y}{3}-2$

| Evaluate when $d=7$ |
| :--- |
| $5+5 d$ |
|  |

Evaluate when $m=9$.
$6 m+55,785$

Evaluate when $v=8$.
$5 v-3$

Evaluate when $w=5$.
$6+9 w$

Evaluate when $t=52$.
$\frac{2+\dagger}{6}$

Evaluate when $w=5$.
$2 w+19+3 w$

Evaluate when $m=67$.
$57+m$

Name:
$3 \longdiv { 3 2 4 9 9 }$
6) $\longdiv { 1 4 2 8 7 2 }$
$9 \longdiv { 1 9 3 2 7 6 }$
Simplify.
$\frac{117}{195}=$

Rewrite $\frac{2}{5}$ as a decimal.
$407 \div 10$

In what quadrant would you find the point ( $-1,-5$ )?

What is the area of a rectangle with a length of 42 centimeters and a width that is $\frac{1}{3}$ the length?


$$
\begin{aligned}
& y=x+16 \\
& y=24
\end{aligned}
$$

What is the value of $x$ ?

Name:
Complete each pattern. Write what the rule is.

| $3 \frac{2}{5}, 3 \frac{1}{5}, 3,2 \frac{4}{5}, 2 \frac{3}{5}, 2 \frac{2}{5}, 2 \frac{1}{5}, 2$, <br> $1 \frac{4}{5}, \ldots$, $1 \frac{2}{5}, 1 \frac{1}{5}, 1, \frac{4}{5}, \frac{3}{5}, \frac{2}{5}$ |
| :---: |
| $3 \frac{2}{5}, 3 \frac{1}{5}, 3,2 \frac{4}{5}, 2 \frac{3}{5}, 2 \frac{2}{5}, 2 \frac{1}{5}, \ldots$ |
| $, 1 \frac{3}{5}, \ldots, 1, \frac{4}{5}, \frac{3}{5}, \frac{2}{5}$ |

Complete each pattern. Write what the rule is.

| 19.7 | 23.4 | 27.1 |
| :--- | :--- | :--- |
| 30.8 |  | 38.2 |
| 41.9 |  | 49.3 |

Name:

## Sudoku Sums of 16

Each row, column, and box must have the numbers 1 through 9. Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 16 .

Here is an example of a sudoku sum of 16 :


|  |  | 2 |  |  |  |  | 8 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 5 | 8 |  |  | 9 | 2 |  |
|  |  | 4 |  | 6 |  | 5 |  |  |
|  | 3 |  |  |  | 6 |  |  |  |
|  |  |  | 9 | 1 |  |  |  |  |
|  |  | 8 |  | 5 |  | 7 | 1 | 3 |
| 7 | 8 |  | 3 |  |  | 2 |  | 1 |
|  | 5 |  |  |  | 9 |  |  |  |

What kind of angle is this?
What kind of angle is this?

Name:


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:


Finish the line:


Fill in the missing operations to complete this equation:
$3 \times 5=$ $\qquad$

68 $\qquad$ $69=71$




