Multiply.

\[
\begin{array}{c}
4,637 \\
\times \ 8 \\
\hline
6,138 \\
\times \ 4 \\
\hline
\end{array}
\]

What is the rule for the pattern shown below?

\[3, 9, 27, 81, 243, \ldots\]

- a. Add 3
- b. Multiply by 3
- c. Add 4
- d. Multiply by 4

Complete the table.

<table>
<thead>
<tr>
<th>Days</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>**</td>
<td>**</td>
<td>**</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>

\[
\begin{array}{c}
7,233 \\
\times \ 7 \\
\hline
5,236 \\
\times \ 5 \\
\hline
\end{array}
\]

\[
\begin{array}{c}
\frac{3}{9} = \frac{3 \div 3}{9 \div 3} = \boxed{\frac{1}{3}} \\
\boxed{\text{KL parallel to MN.}} \\
\boxed{\text{GH perpendicular and intersecting KL at Point P and MN at Point Q.}}
\end{array}
\]
The aquarium has a capacity of 1,184 people. They were at capacity for the past 7 days. Write an equation that can be used to find \( v \), the number of visitors over the past week. Then solve to find how many visitors there were.

\[
\frac{3}{10} + \frac{4}{10} = \text{ } \\
\]

\( v = \underline{ } \) visitors
Name: ________________________________

Math Buzz

Multiply.

\[ 5,341 \times 3 = \underline{\quad} \]

\[ 7,718 \times 6 = \underline{\quad} \]

\[ 9,291 \times 2 = \underline{\quad} \]

\[ 8,146 \times 9 = \underline{\quad} \]

What is the rule for the pattern shown below?

\[ 2, 12, 9, 19, 16, 26, 23, \ldots \]

- a. Add 15, then subtract 2
- b. Add 2, then subtract 15
- c. Add 3, then subtract 10
- d. Add 10, then subtract 3

Complete the table.

\[ \frac{3}{12} = \frac{3 \div 3}{12 \div 3} = \underline{\quad} \]

Use division to write an equivalent fraction in simplest form. Use the model to help.

Multiply.

\[ 5,341 \times 3 = \underline{\quad} \]

\[ 7,718 \times 6 = \underline{\quad} \]

\[ 9,291 \times 2 = \underline{\quad} \]

\[ 8,146 \times 9 = \underline{\quad} \]

Use a protractor to measure the angle.

\[ \angle REB = \underline{\quad} ^\circ \]

Preview

Please log in to download the printable version of this worksheet.
Name the triangle that has 3 equal sides.

Name the triangle that has two equal sides.

Name the triangle that has no equal sides.

Find the sum. Use the model to help.

Use the model to find the product.

28 \times 69 = \_

answer: ________ more tiles
Math Buzz

Use a protractor to measure the angle.

\[ \angle JAT = \text{______} \circ \]

Use division to write an equivalent fraction in simplest form. Use the model to help.

Multiply.

What is 3 times as many as 4,954?

______________

Find the product of 5,189 and 6.

______________

Dani uses \( \frac{1}{4} \) of a cup of milk in her breakfast smoothie every day. Write an expression that can be used to find the total number of cups of milk Dani uses after 3 days.

He uses the data from the chart to complete the line plot and answer the questions.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Cups</th>
</tr>
</thead>
<tbody>
<tr>
<td>peanuts</td>
<td>2 ( \frac{3}{4} )</td>
</tr>
<tr>
<td>cashews</td>
<td>1 ( \frac{1}{2} )</td>
</tr>
<tr>
<td>chocolate chips</td>
<td>2 ( \frac{1}{2} )</td>
</tr>
<tr>
<td>raisins</td>
<td>1 ( \frac{1}{4} )</td>
</tr>
<tr>
<td>dried cranberries</td>
<td>1 ( \frac{1}{4} )</td>
</tr>
</tbody>
</table>

Cups of Ingredients for Trail Mix

key: \( \mathbf{X} = 1 \) ingredient

How many ingredients used more than 1\( \frac{1}{2} \) cups? ________
How many ingredients used less than 1\( \frac{1}{2} \) cups? ________
### Math Buzz ANSWERS

**Multiply.**

\[
\begin{array}{c|c|c|c}
\times & 13 & 3 & 7 \\
\hline
5 & 637 & & \\
4 & 637 & & \\
\hline
& & & 24,552 \\
\end{array}
\]

What is the rule for the pattern shown below?

- Add 3
- Multiply by 3
- Add 4
- Multiply by 4

**Complete the table.**

<table>
<thead>
<tr>
<th>Days</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours</td>
<td>24</td>
<td>72</td>
<td>120</td>
<td>168</td>
</tr>
</tbody>
</table>

Use division to write an equivalent fraction in simplest form. Use the model to help.

\[
\frac{3}{9} = \frac{3 + 3}{9 + 3} = \frac{1}{3}
\]

Use the model to find the product.

\[
34 \times 18 = 612
\]

Find the sum. Use the model to help.

\[
\begin{align*}
300 + 240 + 40 &= 580 \\
3 + 4 + 7 &= 14
\end{align*}
\]

Find the sum. Use the model to help.

\[
\begin{align*}
10 \times 30 &= 300 \\
10 \times 4 &= 40 \\
8 \times 30 &= 240 \\
8 \times 4 &= 32
\end{align*}
\]

Color the equilateral triangles blue.

Color the isosceles triangles red.

Color the scalene triangles green.

**Complete the table.**

<table>
<thead>
<tr>
<th>Number of Ingredients</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>20</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>480</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>72</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,200</td>
<td>480</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>1,200 + 480 + 72 + 1,932 =</td>
<td>1,932</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Use the model to find the product.

\[
28 \times 69 = 1,932
\]

**Divide.**

\[
\begin{array}{c|c|c|c|c}
2 & 3 & 6 & 4 & 9 & 4 & 4 \\
\hline
- & 8 & 1 & 4 & 1 & 2 & 4 \\
- & 2 & 4 & 2 & 4 & & \\
\end{array}
\]

**Cups of Ingredients for Trail Mix**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Ingredients</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
</tr>
</tbody>
</table>

**Answer:**

- **39** more tiles

**Find the angle.**

\[\angle JAT = 135^\circ\]

**Daily Math Practice**

**Preview**

Please log in to download the printable version of this worksheet.