Write the related facts for the set of numbers.

7, 6, 42

________________________________________
________________________________________
________________________________________
________________________________________

Use the distributive property to find the total area of the rectangles.

\[ 6 \times 9 = \underline{\phantom{00}} \]
\[ 6 \times (\phantom{0} + \phantom{0}) = \underline{\phantom{00}} \]
\[ (\phantom{0} \times \phantom{0}) + (\phantom{0} \times \phantom{0}) = \underline{\phantom{00}} \]

<table>
<thead>
<tr>
<th>Hair Color</th>
<th>Dancers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blonde</td>
<td>3</td>
</tr>
<tr>
<td>Brown</td>
<td>4</td>
</tr>
<tr>
<td>Red</td>
<td>1</td>
</tr>
</tbody>
</table>

What is the total number of dancers?

________________________________________

Write a fraction that describes the number of dancers with each hair color.

\[ \frac{3}{6} \quad \text{Blonde:} \quad \frac{2}{3} \quad \text{Brown:} \]

Blonde: _____ Brown: _____ Red: _____
Use the number line to find what fraction is equivalent to $\frac{3}{4}$.

$$\frac{3}{4} = \boxed{}$$

Fill in the blank with the correct value.

Each shape is one whole. Write a whole number and a fraction greater than 1 that names the parts that are shaded.

Solve and compare using $>$, $<$, $=$.

$$8 \times 7 \quad ____ \quad 94 - 38$$

Alexis measured her rectangular bedroom. The area of her room is 72 square feet. If the length of her room is 9 feet, what is the width?

Answer: ________ feet
Fill in the missing numbers.

\[ 480 = 8 \times \square \quad 40 \times \square = 240 \]

Draw a rectangle that has an area of 12 square units.

Jade is making a berry smoothie using the measurements below.

<table>
<thead>
<tr>
<th>Berries</th>
<th>Fraction of a Cup</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raspberries</td>
<td>( \frac{1}{3} )</td>
</tr>
<tr>
<td>Blackberries</td>
<td>( \frac{1}{6} )</td>
</tr>
<tr>
<td>Strawberries</td>
<td>( \frac{1}{2} )</td>
</tr>
</tbody>
</table>

Label the whole numbers as fractions on the number line.

---

Super Teacher Worksheets - www.superteacherworksheets.com
Mr. Quinn’s class measured their pencils after sharpening them. Below is a line plot that shows the data they collected.

Class Pencil Lengths

<table>
<thead>
<tr>
<th>Pencil Lengths (inches)</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 12</td>
<td>4</td>
</tr>
<tr>
<td>6 12</td>
<td>5</td>
</tr>
<tr>
<td>7 12</td>
<td>3</td>
</tr>
</tbody>
</table>

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<td>6 12</td>
<td>5</td>
</tr>
<tr>
<td>7 12</td>
<td>3</td>
</tr>
</tbody>
</table>

The number of pencils that were 6 inches long was half as many as the number of pencils that were 5 inches long. Complete the graph to show how many pencils were 6 inches.

How many pencils did Mr. Quinn’s class measure in all?

______________________________________

3 12

Each shape is one whole. Write a whole number and a fraction greater than 1 that names the parts that are shaded.

\[ \frac{1}{2} = \frac{\square}{\square} \]

Solve and compare using >, <, =.

\[ 9 + 8 \quad \square \quad 81 \div 9 \]

Use the distributive property to solve.

\[ 3 \times 8 = \square \]

\[ 3 \times (\square + \square) = \square \]

\[ (\square \times \square) + (\square \times \square) = \square \]
Complete the table.

<table>
<thead>
<tr>
<th>Number of Hours</th>
<th>Number of Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>60</td>
</tr>
<tr>
<td>6</td>
<td>120</td>
</tr>
</tbody>
</table>

Write the related facts for the set of numbers.

9, 8, 72

Use the distributive property to find the total area of the rectangles.

\[ 6 \times 7 = \_ \_ \_ \]
\[ 6 \times (\_ \_ \_ + \_ \_ \_) = \_ \_ \_ \]

Complete the table.

<table>
<thead>
<tr>
<th>8</th>
<th>480</th>
</tr>
</thead>
</table>

Label the whole numbers as fractions on the number line.

0 1 2 3 4 5 6 7  \_ 8 9 10 11 12 13 14 15  16

Area = \_ \_ \_ square feet

6 \times (\_ \_ \_ + \_ \_ \_) = \_ \_ \_
Write the related facts for the set of numbers: 7, 6, 42

- \(7 \times 6 = 42\)
- \(6 \times 7 = 42\)
- \(42 \div 6 = 7\)
- \(42 \div 7 = 6\)

Use the distributive property to find the total area of the rectangles.

- \(6 \times 9 = 54\)
- \(6 \times (\frac{3}{2} + \frac{4}{2}) = 54\)
- \((\frac{3}{2} \times 5) + (\frac{4}{2} \times 4) = 54\)

Area = 54 square units

Complete the table.

<table>
<thead>
<tr>
<th>Number of Weeks</th>
<th>Number of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>5</td>
<td>35</td>
</tr>
<tr>
<td>7</td>
<td>49</td>
</tr>
<tr>
<td>9</td>
<td>63</td>
</tr>
</tbody>
</table>

Madison made this chart to show the hair color of the dancers in her ballet class.

What is the total number of dancers? ________________

Write a fraction that describes the number of dancers with each hair color.
- Blonde: \(\frac{3}{8}\)
- Brown: \(\frac{8}{8}\)
- Red: \(\frac{1}{8}\)

Compare using >, <, =.

\(\frac{3}{6} < \frac{2}{3}\)

Use the number line to find what fraction is equivalent to \(\frac{3}{4}\).

\(\frac{3}{4} = \frac{6}{8}\)

Fill in the missing numbers.

\((3 \times 3) \times \frac{8}{6} = 72\)

\(6 \times (5 \times 2) = 60\)

Each shape is one whole. Write a whole number and a fraction greater than 1 that names the parts that are shaded.

- 2 pencils
- How many pencils did Mr. Quinn’s class measure in all? 16

Use the number line to find what fraction is equivalent to \(\frac{1}{2}\).

\(\frac{1}{2} = \frac{3}{6}\)

Solve and compare using >, <, =.

- \(9 + 8 > 81 + 9\)
- \(17 > 9\)

Alexis measured her rectangular bedroom. The area of her room is 72 square feet. If the length of her room is 9 feet, what is the width?

\(72 + 9 = 8\)

Write the related facts for the set of numbers: 9, 8, 72

- \(9 \times 8 = 72\)
- \(8 \times 9 = 72\)
- \(72 \div 9 = 8\)
- \(72 \div 8 = 9\)

Use the distributive property to find the total area of the rectangles.

- \(6 \times 7 = 42\)
- \(6 \times (\frac{3}{2} + \frac{5}{2}) = 42\)
- \((\frac{3}{2} \times 2) + (\frac{5}{2} \times 5) = 42\)

Area = 42 square units

Complete the table.

<table>
<thead>
<tr>
<th>Number of Hours</th>
<th>Number of Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
</tr>
<tr>
<td>2</td>
<td>120</td>
</tr>
<tr>
<td>4</td>
<td>240</td>
</tr>
<tr>
<td>6</td>
<td>360</td>
</tr>
<tr>
<td>8</td>
<td>480</td>
</tr>
</tbody>
</table>

Compare using >, <, =.

\(\frac{6}{8} > \frac{2}{4}\)

Label the whole numbers as fractions on the number line.

\(\frac{6}{8} > \frac{2}{4}\)

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