Fractions
Learning From Home
Read and Colour the Fractions

one quarter  one half  three quarters  whole

one third  one quarter  whole  two thirds

whole  one third  one half  two quarters

\( \frac{2}{2} \)  \( \frac{2}{3} \)  \( \frac{1}{2} \)  \( \frac{1}{3} \)
Colouring Fractions

Follow the instructions and colour the cars.

Colour half the cars yellow
Colour a quarter of the cars red
Colour a quarter of the cars blue
Identifying Quarters, Thirds and Halves

Write one of these fractions in each answer box:

\[ \frac{1}{3} \quad \frac{1}{4} \quad \frac{1}{2} \quad \frac{3}{4} \]

1. What fraction of the animals are snakes?

2. What fraction of the pizza has been eaten?

3. What fraction of the pizza is remaining?

4. What fraction of the length of the big pencil are the small pencils?

5. What fraction of these apples are circled?

6. What fraction of this shape is shaded?

7. How much of his chocolate bar does Steve have left?

   Sami’s Bar [CHOCO]
   Steve’s Bar [CHOC]

8. What fraction of his dad’s height is Michael?
Finding Simple Fractions of Numbers

Find half by dividing a number into two equal parts. Find a quarter by dividing a half into two equal parts.

1 whole = 8

\( \frac{1}{2} = 4 \)

\( \frac{1}{4} = 2 \)

1. Find a half and a quarter of each of these numbers. Draw circles to help you.

a.

1 whole = 12

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

\( \frac{1}{4} = \)

b.

1 whole = 4

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

\( \frac{1}{4} = \)
2. Find a half and a quarter of these numbers by halving and halving again:

<table>
<thead>
<tr>
<th></th>
<th>1 whole = 28</th>
<th>( \frac{1}{2} ) =</th>
<th>( \frac{1}{4} ) =</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>1 whole = 28</td>
<td>( \frac{1}{2} ) =</td>
<td>( \frac{1}{4} ) =</td>
</tr>
<tr>
<td>b.</td>
<td>1 whole = 32</td>
<td>( \frac{1}{2} ) =</td>
<td>( \frac{1}{4} ) =</td>
</tr>
<tr>
<td>c.</td>
<td>1 whole = 24</td>
<td>( \frac{1}{2} ) =</td>
<td>( \frac{1}{4} ) =</td>
</tr>
<tr>
<td>d.</td>
<td>1 whole = 40</td>
<td>( \frac{1}{2} ) =</td>
<td>( \frac{1}{4} ) =</td>
</tr>
<tr>
<td>e.</td>
<td>1 whole = 100</td>
<td>( \frac{1}{2} ) =</td>
<td>( \frac{1}{4} ) =</td>
</tr>
</tbody>
</table>
1. Find \( \frac{1}{2} \) and \( \frac{2}{4} \) of each of these shapes. What do you notice?

<table>
<thead>
<tr>
<th>( \frac{1}{2} )</th>
<th>=</th>
<th>( \frac{2}{4} )</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Circle" /></td>
<td></td>
<td><img src="image2.png" alt="Circle" /></td>
</tr>
<tr>
<td><img src="image3.png" alt="Cross" /></td>
<td>=</td>
<td><img src="image4.png" alt="Cross" /></td>
</tr>
<tr>
<td><img src="image5.png" alt="Rectangle" /></td>
<td>=</td>
<td><img src="image6.png" alt="Rectangle" /></td>
</tr>
<tr>
<td><img src="image7.png" alt="Star" /></td>
<td>=</td>
<td><img src="image8.png" alt="Star" /></td>
</tr>
<tr>
<td><img src="image9.png" alt="Diamond" /></td>
<td>=</td>
<td><img src="image10.png" alt="Diamond" /></td>
</tr>
</tbody>
</table>
2. Find $\frac{1}{2}$ and $\frac{2}{4}$ of each of these shapes. What do you notice?

\[
\begin{array}{c|c|c}
\frac{1}{2} &= 4 & \frac{2}{4} = 4 \\
\end{array}
\]

\[
\begin{array}{c|c|c}
a. \\
\frac{1}{2} &= \square & \square \square \square \square &= \square \square \square \square & \frac{2}{4} = \square \\
\end{array}
\]

\[
\begin{array}{c|c|c}
b. \\
\frac{1}{2} &= \square & \square \square \square \square &= \square \square \square \square & \frac{2}{4} = \square \\
\end{array}
\]

\[
\begin{array}{c|c|c}
c. \\
\frac{1}{2} &= \square & \square \square \square \square &= \square \square \square \square & \frac{2}{4} = \square \\
\end{array}
\]
3. Use what you have learned to find $\frac{1}{2}$ and $\frac{2}{4}$ of these numbers.

<table>
<thead>
<tr>
<th>( \frac{1}{2} )</th>
<th>( \frac{2}{4} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

$$
\frac{1}{2} = \square \\
\frac{2}{4} = \square \\
\frac{1}{2} = \square \\
\frac{2}{4} = \square \\
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\frac{2}{4} = \square \\
\frac{1}{2} = \square \\
\frac{2}{4} = \square \\
$$