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## EQUIVALENT FRACTIONS 1

Jim cut his pizza in six equal parts. Dora cut her pizza into two equal parts. Three of his friends get a total of e equal parts, also can be represented as $3 / 6$. Dora shared her pizza equally between herself and her sister. They both get $1 / 2$.

$3 / 6$ is the same or equivalent fraction for $1 / 2$.
Below, you can see that two quarters is equivalent to one half.

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$\qquad$

## REDUCING FRACTIONS

| 1 Whole |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\frac{1}{2}$ |  |  |  | $\frac{1}{2}$ |  |  |  |  |
| $\frac{1}{3}$ |  |  | $\frac{1}{3}$ |  |  | $\frac{1}{3}$ |  |  |
| $\frac{1}{4}$ |  | $\frac{1}{4}$ |  | $\frac{1}{4}$ |  | $\frac{1}{4}$ |  |  |
|  | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ |  | $\frac{1}{5}$ |  | $\frac{1}{5}$ |  |
|  | $\frac{1}{6} \quad \frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |  | $\frac{1}{6}$ |  |
| $\frac{1}{8}$ | 年 $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |  | $\frac{1}{8}$ |
| $\frac{1}{10}$ | ( 10 | $\frac{1}{10}$ $\frac{1}{10}$ | $\frac{1}{10}$ | $\frac{1}{10}$ | 10 $\frac{1}{10}$ $\frac{1}{10}$ |  |  | $\frac{1}{10}$ |
| $\frac{1}{12}$ | 12 $\frac{1}{12}$ | $\frac{1}{12} \frac{1}{12}$ |  | $\frac{1}{12}$ | $\frac{1}{12} \frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | - $1 \frac{1}{12}$ |
| $\frac{1}{16}$ $\frac{1}{16}$ | $\begin{array}{l\|l\|l\|} \hline \frac{1}{16} & \frac{1}{16} & \frac{1}{16} \\ \hline \end{array}$ | (16 $\frac{1}{16} \frac{1}{16}$ | $\frac{1}{16}$ 16 | $\frac{1}{16}$ 1 $\frac{1}{16}$ | 16 $\frac{1}{16}$ $\frac{1}{16}$  <br> 16    | $\frac{1}{6}$ (1) | (16) ${ }_{1}^{1}$ | 16 $\frac{1}{16}$ |

## 1. QUESTION

Use the fraction bars to help you answer the questions below.

$$
\frac{6}{8}=\frac{-}{16} \quad \frac{4}{8}=\frac{3}{4}=\frac{3}{10}
$$

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$$
\begin{array}{lll}
\frac{2}{3}=\frac{3}{6} & \frac{1}{4}=\frac{3}{12} & \frac{4}{8} \\
\frac{1}{2}=\frac{2}{6} & \frac{2}{3}=\frac{-}{6} & \frac{4}{16}=\frac{-}{4} \\
\frac{6}{8}=\frac{\overline{16}}{} & \frac{3}{4}=\frac{1}{12} & \frac{2}{3}=\frac{\overline{15}}{}
\end{array}
$$

2. QUESTION

Complete the set of equivalent fractions.

$$
\frac{1}{2}=\frac{-}{4}=\frac{-}{6}=\frac{}{8}
$$

$$
\frac{4}{8}=\frac{}{10}=\frac{}{12}=\frac{}{16}
$$

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$\qquad$

## 3. QUESTION

Complete the following to find the equivalent fractions.

$$
\begin{array}{ll}
\frac{3}{8}=\frac{3 \times 4}{8 \times 4}=- & \frac{1}{6}=\frac{1 \times 5}{6 \times 5}=- \\
\frac{7}{12}=\frac{7 \times 2}{12 \times 2}=- & \frac{1}{8}=\frac{1 \times 3}{8 \times 3}=- \\
\frac{4}{5}=\frac{4 \times 4}{5 \times 4}=- &
\end{array}
$$

## 4. QUESTION

Complete the following to find the equivalent fractions.

$$
\begin{array}{ll}
\frac{4}{6}=\frac{4 \div 2}{6 \div 2}=- & \frac{5}{10}=\frac{5 \div 5}{10 \div 5}=- \\
\frac{12}{16}=\frac{12 \div 2}{16 \div 2}=- & \frac{9}{12}=\frac{9 \div 3}{12 \div 3}=-
\end{array}
$$

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5. QUESTION

Complete the equivalent fractions.

$$
\begin{array}{ll}
\frac{3}{10}=\frac{3 x}{10 x}=\frac{4}{20} & \frac{4}{6}=\frac{\square}{24} \\
\frac{3}{5}=-=\frac{}{15} & \frac{2}{3}=\square=\frac{}{9}
\end{array}
$$

6. QUESTION

Complete the equivalent fractions.

$$
\begin{array}{ll}
\frac{5}{15}=\frac{4}{\div}=\frac{4}{5}=\frac{}{30} & =\frac{}{15} \\
\frac{16}{20}=-\frac{10}{12}=\frac{\square}{5} & =\frac{}{6}
\end{array}
$$

