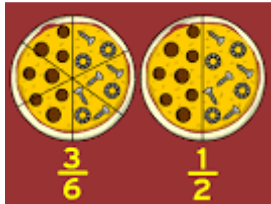# EQUIVALENT FRACTIONS 1

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.
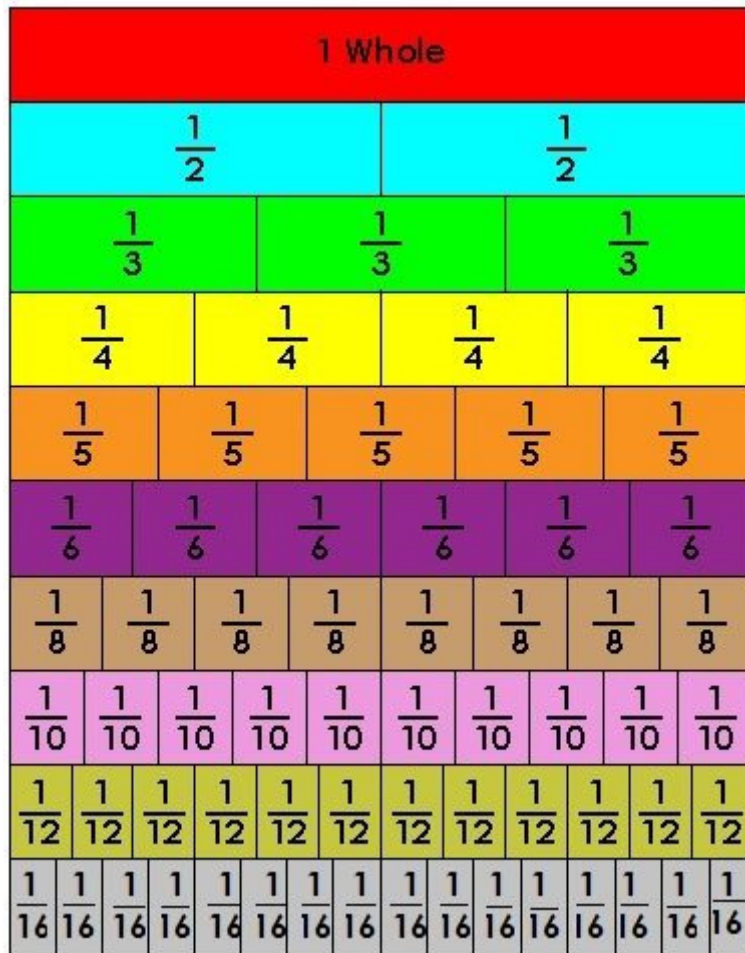

3/6 is the same or equivalent fraction for 1/2.

Below, you can see that two quarters is equivalent to one half.

REDUCING FRACTIONS

1. QUESTION

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

$$\frac{6}{8} = \frac{}{16}$$

$$\frac{4}{8} = \frac{}{4}$$

$$\frac{3}{5} = \frac{}{10}$$

$$\frac{2}{3} = \frac{}{6}$$

$$\frac{1}{4} = \frac{}{12}$$

$$\frac{3}{4} = \frac{}{8}$$

$$\frac{1}{2} = \frac{}{6}$$

$$\frac{2}{3} = \frac{}{6}$$

$$\frac{4}{16} = \frac{}{4}$$

$$\frac{6}{8} = \frac{}{16}$$

$$\frac{3}{4} = \frac{}{12}$$

$$\frac{2}{3} = \frac{}{15}$$

2. QUESTION

Complete the set of equivalent fractions.

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

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

3. QUESTION

Complete the following to find the equivalent fractions.

$$\frac{3}{8} = \frac{3 \times 4}{8 \times 4} = \underline{\quad}$$

$$\frac{1}{6} = \frac{1 \times 5}{6 \times 5} = \underline{\quad}$$

$$\frac{7}{12} = \frac{7 \times 2}{12 \times 2} = \underline{\quad}$$

$$\frac{1}{8} = \frac{1 \times 3}{8 \times 3} = \underline{\quad}$$

$$\frac{4}{5} = \frac{4 \times 4}{5 \times 4} = \underline{\quad}$$

4. QUESTION

Complete the following to find the equivalent fractions.

$$\frac{4}{6} = \frac{4 \div 2}{6 \div 2} = \underline{\quad}$$

$$\frac{5}{10} = \frac{5 \div 5}{10 \div 5} = \underline{\quad}$$

$$\frac{12}{16} = \frac{12 \div 2}{16 \div 2} = \underline{\quad}$$

$$\frac{9}{12} = \frac{9 \div 3}{12 \div 3} = \underline{\quad}$$

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5. QUESTION

Complete the equivalent fractions.

$$\frac{3}{10} = \frac{3 \times}{10 \times} = \frac{}{20}$$

$$\frac{4}{6} = \frac{}{} = \frac{}{24}$$

$$\frac{3}{5} = \frac{}{} = \frac{}{15}$$

$$\frac{2}{3} = \frac{}{} = \frac{}{9}$$

6. QUESTION

Complete the equivalent fractions.

$$\frac{5}{15} = \frac{\div}{} = \frac{}{5}$$

$$\frac{4}{30} = \frac{}{} = \frac{}{15}$$

$$\frac{16}{20} = \frac{}{} = \frac{}{5}$$

$$\frac{10}{12} = \frac{}{} = \frac{}{6}$$