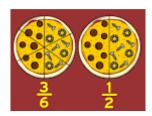
Name:	Date:

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 Whole												
1/2					1/2							
1/3			1/3				1/3					
1/4		1/4			1/4			1/4				
		1 1			1 5			$\begin{array}{c c} \frac{1}{4} \\ \frac{1}{5} \\ \frac{1}{6} \\ \end{array}$				
1 5	1	1 1 6		1 6	1 6		1	1 6		1 6		
1 8 8		1 8			1 8		8 7			1 8		
	0 1		10	1 10	10	1 10	1 1		10	1 8 1 10		
$\begin{array}{c c} 1 & 1 \\ 12 & 12 \end{array}$	1 12	1 12		1 12		1 12	1 12		1 12	1 12		
1 1 1 16	1 1 16 16	1 16		1 1 6 16	16 1	1 1	1 16			1 16		

1. QUESTION

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

$$\frac{6}{8} = \frac{1}{16}$$

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

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

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

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

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

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

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

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

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

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

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

2. QUESTION

Complete the set of equivalent fractions.

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

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

3. QUESTION

Complete the following to find the equivalent fractions.

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

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

$$\frac{7}{12} = \frac{7 \times 2}{12 \times 2} = --$$

$$\frac{1}{8} = \frac{1 \times 3}{8 \times 3} = --$$

$$\frac{4}{5} = \frac{4 \times 4}{5 \times 4} = --$$

4. QUESTION

Complete the following to find the equivalent fractions.

$$\frac{4}{6} = \frac{4 \div 2}{6 \div 2} = -$$

$$\frac{5}{10} = \frac{5 \div 5}{10 \div 5} = --$$

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

$$\frac{9}{12} = \frac{9 \div 3}{12 \div 3} = --$$

5. QUESTION

Complete the equivalent fractions.

$$\frac{3}{10} = \frac{3 \text{ x}}{10 \text{ x}} = \frac{20}{20}$$

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

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

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

6. QUESTION

Complete the equivalent fractions.

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

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

$$\frac{16}{20} = \frac{1}{5}$$

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