

## Section 2.1 Extra Practice

1. Decide whether each of the following is true or false. If it is false, rewrite the statement to make it true.

a) **True/False** A part-to-whole ratio compares different parts of a group to each other.

\_\_\_\_\_

b) **True/False** The ratio 3 : 1 can also be written as 1 to 3.

\_\_\_\_\_

c) **True/False** A part-to-whole ratio can be written as a fraction, a decimal, and a percent.

\_\_\_\_\_

d) **True/False** Two-term and three-term ratios compare quantities measured in different units.

\_\_\_\_\_

2. Fill in the box to make an equivalent fraction.

a)  $\frac{2}{4} = \frac{\square}{2}$

b)  $\frac{1}{10} = \frac{10}{\square}$

c)  $\frac{16}{\square} = \frac{4}{5}$

d)  $\frac{\square}{14} = \frac{15}{42}$

For #3 to #5, fill in the missing values in the table.

a) Show the ratio in two ways.

b) Show the fraction in lowest terms.

c) Convert to a decimal.

d) Convert to a percent.

a) Ratio	b) Fraction	c) Decimal	d) Percent
Example: 6 to 30 or 6 : 30	$\frac{6}{30} = \frac{1}{5}$	$\frac{1}{5} = \frac{2}{10} = 0.2$	$0.2 = 0.20 = 20\%$
3. 10 to 15 or _____			
4. _____ or _____	$\frac{3}{4}$		
5. _____ or _____			$0.9 = 0.90 = 90\%$