## **Topic 1: Using Ratios - Block 1 Homework**

1) There are 12 yellow folders and

9 green folders.

Write a part-to-part ratio (3 ways):

2) There are 27 pecans and 12 cashews.

Write a part-to-part ratio (3 ways):

3) There are 42 students, of which 20 are boys.

Write a part-to-part ratio (3 ways):

Write a part-to-whole ratio (3 ways):

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Write a part-to-whole ratio (3 ways):

4) 
$$\frac{3}{4} = \frac{x}{24}$$
  $x =$ 

5) 
$$\frac{2}{3} = \frac{10}{x}$$
  $x =$ 

6) 
$$\frac{3}{x} = \frac{16}{24}$$

7) 
$$\frac{x}{4} = \frac{12}{16}$$
  $x =$ 

(8) 
$$\frac{2}{3} = \frac{x}{10}$$

x =

9) 
$$\frac{6}{x} = \frac{39}{52}$$

x =