

## WWA – Week 2 – Math Homework

1. Find the missing numerators or denominators:

$$\frac{1}{2} = \frac{6}{\boxed{\phantom{00}}}$$

$$\frac{2}{3} = \frac{6}{\boxed{\phantom{00}}}$$

$$\frac{2}{9} = \frac{4}{\boxed{\phantom{00}}}$$

$$\frac{3}{4} = \frac{\boxed{\phantom{00}}}{8} = \frac{\boxed{\phantom{00}}}{12} = \frac{\boxed{\phantom{00}}}{16}$$

$$\frac{3}{3} = \frac{6}{\boxed{\phantom{00}}} = \frac{9}{\boxed{\phantom{00}}} = \frac{12}{\boxed{\phantom{00}}}$$

$$\frac{3}{5} = \frac{\boxed{\phantom{00}}}{10} = \frac{\boxed{\phantom{00}}}{15} = \frac{\boxed{\phantom{00}}}{20}$$

2. Write each fraction in simplest form:

$$\frac{8}{12} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\frac{10}{12} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

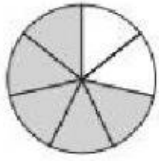
$$\frac{2}{8} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\frac{4}{10} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

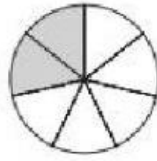
$$\frac{15}{20} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\frac{6}{9} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

**3. Compare the fractions:**

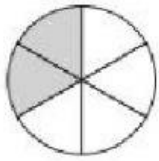


$\frac{5}{7}$

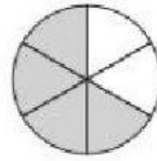


$\frac{2}{7}$

\_\_\_\_\_ is less than \_\_\_\_\_.



$\frac{2}{6}$



$\frac{4}{6}$

\_\_\_\_\_ is greater than \_\_\_\_\_.

**4. Compare the following fractions:**

Which is greater,  $\frac{5}{8}$  or  $\frac{1}{4}$ ?

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

\_\_\_\_\_ > \_\_\_\_\_

Which is less,  $\frac{2}{3}$  or  $\frac{2}{9}$ ?

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

\_\_\_\_\_ < \_\_\_\_\_

**5. Order the fractions from the greatest to the least:**

$$\frac{1}{2}, \frac{1}{4}, \frac{1}{6}$$

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$$\frac{3}{4}, \frac{5}{6}, \frac{2}{3}$$

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$$\frac{3}{4}, \frac{7}{12}, \frac{2}{6}$$

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$$\frac{5}{6}, \frac{5}{8}, \frac{5}{12}$$

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**6. Order the fractions from the least to the greatest:**

$$\frac{3}{8}, \frac{3}{4}, \frac{1}{2}$$

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$$\frac{1}{6}, \frac{1}{3}, \frac{1}{9}$$

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$$\frac{11}{12}, \frac{3}{4}, \frac{5}{6}$$

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$$\frac{2}{4}, \frac{2}{6}, \frac{2}{3}$$

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