WWA – Week 2 – Math Homework

1. Find the missing numerators or denominators:

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

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

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

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

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

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

2. Write each fraction in simplest form:

$\frac{8}{12} = \frac{\boxed{}}{\boxed{}}$ $\frac{10}{12} = \frac{\boxed{}}{\boxed{}}$

$\frac{2}{8} = \frac{\boxed{}}{\boxed{}}$ $\frac{4}{10} = \frac{\boxed{}}{\boxed{}}$

$\frac{15}{20} = \frac{\boxed{}}{\boxed{}}$ $\frac{6}{9} = \frac{\boxed{}}{\boxed{}}$
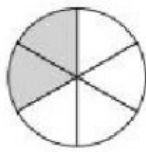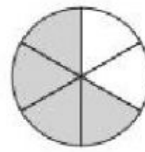
3. Compare the fractions:
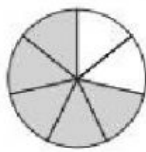
$\frac{5}{7}$
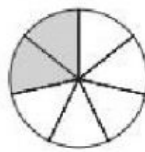
$\frac{2}{7}$

_____ 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:

$\dfrac{1}{2}, \dfrac{1}{4}, \dfrac{1}{6}$ _____

$\dfrac{3}{4}, \dfrac{5}{6}, \dfrac{2}{3}$ _____

$\dfrac{3}{4}, \dfrac{7}{12}, \dfrac{2}{6}$ _____

$\dfrac{5}{6}, \dfrac{5}{8}, \dfrac{5}{12}$ _____

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

$\dfrac{3}{8}, \dfrac{3}{4}, \dfrac{1}{2}$ _____

$\dfrac{1}{6}, \dfrac{1}{3}, \dfrac{1}{9}$ _____

$\dfrac{11}{12}, \dfrac{3}{4}, \dfrac{5}{6}$ _____

$\dfrac{2}{4}, \dfrac{2}{6}, \dfrac{2}{3}$ _____