

Name: \_\_\_\_\_

Academy Middle School

Date: \_\_\_\_\_

Period: \_\_\_\_\_

**Quiz - Chapter 2.1 & 2.2**

**Solve for the missing numerator.**

1.  $\frac{5}{7} = \frac{?}{21}$

2.  $\frac{15}{20} = \frac{?}{40}$

**Reduce each fraction into lowest terms.**

3.  $\frac{9}{12} =$

4.  $\frac{20}{60} =$

**Compare the two fractions. Use the symbols  $>$ ,  $<$ , or  $=$ .**

5.  $\frac{1}{7}$     $\frac{2}{5}$

6.  $\frac{6}{11}$     $\frac{1}{2}$

**List the following fractions in ascending order.**

7.  $\frac{2}{3}$ ,  $\frac{1}{2}$ ,  $\frac{6}{7}$

**Change the following improper fraction to a mixed number. Reduce to lowest terms.**

8.  $\frac{14}{12} =$

9.  $\frac{23}{2} =$

**Change the following mixed numbers to improper fractions.**

10.  $2\frac{1}{4} =$

11.  $7\frac{5}{18} =$

**Simplify the following.**

12.  $\frac{2}{4} + \frac{6}{8} =$

13.  $\frac{5}{6} + \frac{8}{9} =$

14.  $\frac{9}{10} - \frac{2}{5} =$

15.  $\frac{5}{7} + \frac{8}{10} + \frac{2}{14} =$