

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

Academy Middle School

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

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

***Quiz - Chapter 2.1***

**Write the following division sentence as a fraction.**

1.  $26 \div 37$

2.  $1 \div 2$

**Solve for the missing numerator.**

3.  $\frac{5}{7} = \frac{?}{49}$

4.  $\frac{15}{31} = \frac{?}{62}$

5.  $\frac{103}{203} = \frac{?}{609}$

**Reduce each fraction into lowest terms.**

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

7.  $\frac{15}{18} =$

8.  $\frac{25}{65} =$

9.  $\frac{81}{120} =$

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

10.  $\frac{6}{7}$        $\frac{9}{11}$

11.  $\frac{5}{11}$        $\frac{1}{2}$

12.  $\frac{12}{24}$        $\frac{5}{10}$

13.  $\frac{9}{10}$        $\frac{10}{11}$

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

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

15.  $\frac{12}{17}$ ,  $\frac{1}{3}$ ,  $\frac{3}{8}$ ,  $\frac{9}{10}$

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

16.  $\frac{15}{12} =$

17.  $\frac{23}{4} =$

18.  $\frac{95}{5} =$

19.  $\frac{265}{22} =$

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

20.  $2\frac{3}{4} =$

21.  $16\frac{5}{18} =$

22.  $126\frac{11}{97} =$

**Define the following terms.**

23. product: \_\_\_\_\_

24. numerator: \_\_\_\_\_

25. equivalent: \_\_\_\_\_

**Extra Credit (5 points) – Reduce the following fraction into lowest terms.**

$$\frac{493}{609} =$$