

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Hour: \_\_\_\_\_

Quiz Review Sections 4.7, 4.8 and 5.1

Compare. Write  $<$ ,  $>$ , or  $=$ . Use the Criss Cross method for #'s 1-8

1)  $\frac{13}{9} \square \frac{2}{5}$

2)  $\frac{1}{9} \square \frac{2}{9}$

3)  $\frac{6}{8} \square \frac{3}{4}$

4)  $\frac{3}{7} \square \frac{6}{7}$

5)  $\frac{4}{5} \square \frac{5}{5}$

6)  $\frac{2}{4} \square \frac{1}{2}$

7)  $\frac{4}{8} \square \frac{16}{24}$

8)  $\frac{11}{16} \square \frac{9}{16}$

Order the Fractions from least to greatest.

9)  $\frac{3}{8}, \frac{1}{5}, \frac{2}{3}$

10)  $\frac{1}{4}, \frac{2}{5}, \frac{1}{3}$

11)  $\frac{5}{9}, \frac{1}{8}, \frac{2}{7}$

12)  $\frac{1}{2}, \frac{1}{6}, \frac{2}{3}$

13)  $\frac{1}{2}, \frac{3}{5}, \frac{3}{7}$

14)  $\frac{1}{6}, \frac{2}{5}, \frac{1}{4}$

15)  $\frac{4}{9}, \frac{3}{8}, \frac{1}{3}$

16)  $\frac{1}{4}, \frac{5}{6}, \frac{5}{9}$

Write each sum or difference in simplest form.

17)  $\frac{1}{16} + \frac{9}{16}$

18)  $\frac{15}{26} - \frac{11}{26}$

19)  $\frac{10}{33} + \frac{4}{33}$

20)  $1 - \frac{9}{10}$

21)  $\frac{26}{75} + \frac{24}{75}$

22)  $\frac{100}{999} + \frac{899}{999}$

23)  $37\frac{13}{18} - 24\frac{7}{18}$

24)  $\frac{1}{20} + \frac{7}{20} + \frac{3}{20}$

25)  $\frac{11}{24} + \frac{1}{24} + \frac{5}{24}$

Find the Least common multiple (LCM) for the following problems.

26) 4 and 12

27) 6 and 16

28) 4, 6, and 8

29) 2, 5, and 8

30) 2 and 8

31) 3 and 7

32) 4 and 10

33) 3 and 9

34) 3, 8, and 12

35) 3, 7, and 10

36) 2, 6, and 11

37) 2, 3, 6, and 9

38) 2, 3, 6, and 9

39) 2, 3, 6, and 8