

P.S.127Q  
Class: 8-\_\_\_\_\_

Name: \_\_\_\_\_  
Date: 10/25/2002

**Math Test #2**

Show ALL work! Box in the final answer.

1. Graph on number line:  $-1, -\frac{1}{2}, 0, 2, 5$  \_\_\_\_\_

2. True / False:  $-2 \geq -3$

3.  $-4 + (-3) =$

4.  $6 + (-3) =$

5.  $4 - (-3) =$

6.  $-34 - (-16) =$

7.  $(-5) \times (-5) =$

8.  $(-6) \times (10) =$

9.  $(-100) \div (-1) =$

10.  $(-15) \div (-3) =$

11. Find prime factorization of 8 and 12 using factor trees.

12. Find the GCF (greatest common factor) of 8 and 12.

13. Simplify  $\frac{8}{12}$ .

14. Find the LCM (least common multiple) of 8 and 12.

15.  $\frac{1}{12} + \frac{1}{8} =$

16.  $\frac{1}{12} \times \frac{1}{8} =$

17.  $\frac{1}{12} \div \frac{1}{8} =$

18.  $1\frac{1}{3} + 2\frac{5}{6} =$

19.  $2\frac{3}{4} \times 2\frac{1}{3} =$

20.  $\frac{4}{12} + \frac{8}{12} =$