

Name _____

Number _____

**Unit 4
Study Guide**

1. Write 2 numbers between 1 and 2. Use decimals. _____

2. Write 2 numbers between 4 and 5. Use decimals. _____

3. Use your ruler to measure the line segment below to the nearest centimeter.

_____ cm

4. Use your ruler to measure the line segment below to the nearest **half centimeter**.

_____ About _____ cm

Use your ruler to measure the line segments below to the nearest millimeter. Record your measurements in millimeters and centimeters.

5. A _____ B _____ mm _____ cm

6. C _____ D _____ mm _____ cm

7. Draw a line segment that is 10.5 centimeters long.

Write < or > to make true number sentences.

8. 3.26 _____ 3.8

9. 5.002 _____ 2.5

10. $5.3 + 6.6$ _____ $4.9 + 5.8$

11. $2.76 - 2.45$ _____ $8.6 - 5.3$

12. Write the following set of numbers in order from smallest to largest.

0.03, 2.4, 2.03, 0.4, 0.04, 0.3 _____

25. List the factor pairs of 24.

_____ and _____, _____ and _____, _____ and _____, _____ and _____

Solve each open sentence.

26. $t + 45 = 126$ $r =$ _____

27. $83 - x = 35$ $x =$ _____

28. $p * 7 = 56$ $p =$ _____

29. $21 / b = 3$ $b =$ _____

Write each decimal as a fraction.

30. 0.5 _____ 31. 0.03 _____ 32. 0.56 _____

33. The winner of the women's 300-meter run in the 1972 Olympics ran the race in about 53.07 seconds. The winning time in the 1996 Olympics was 49.25 seconds- an Olympic record. How much faster was the winning time in 1996 than in 1972?

Answer: _____ seconds

Number model: _____

34. Mrs. Austin had \$84.26 in her savings account. She withdrew (took out) \$43.50. A week later, she deposited (put in) \$24.50. What is the new balance in her savings account?

Answer: _____