Unit 4 Assessment Review
Study Guide
Name _____

Write > or < to make a true sentence.

1. 9.28 _____ 6.1

2. 8.708 _____ 1.6

3. 9.3 + 3.1 _____ 14.8 + 1.9

4. Write > or < to make a true sentence.
    15.72 − 10.27 _____ 6.2 − 2.9

5. Write the following set of numbers in order from smallest to largest.
    0.004, 3.3, 5.5, 0.07, 0.05, 1.2

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

7. Write 2 numbers between 5 and 6. Use decimals.

8. Measure the line segment below to the nearest centimeter.

    ▬▬▬▬▬▬▬▬▬

9. Measure the line segment below to the nearest half-centimeter.

    ▬▬▬▬▬▬

10. Draw a line segment that is 12.5 centimeters long.

11. List the first ten multiples of 9.

12. List the factor pairs of 12.

    _____ and _____ , _____ and _____ , _____ and _____

13. Add mentally or with a paper-and-pencil algorithm.
    $12.51 + 14.86 = $ _____

14. Add mentally or with a paper-and-pencil algorithm.
    _____ $= 0.68 + 6.34$

15. Subtract mentally or with a paper-and-pencil algorithm.
    $\$18.54 - \$12.10 = $ _____

16. Add mentally or with a paper-and-pencil algorithm.
    _____ $= \$9.78 + \$10.47$

17. Find the solution of the open sentence.
    $130 + r = 148$

18. Find the solution of the open sentence.
    $44 - m = 16$

19. Find the solution of each open sentence.
    $4 * m = 28$

20. Write the solution for the open sentence.
    $35/n = 7$

21. Write 0.6 as a fraction.

22. Measure the length of the line segment in millimeters.
    Record your measurements in millimeters and centimeters.
    ▬▬▬▬▬▬▬▬▬

23. Measure the length of the line segment in millimeters.
Record your measurements in millimeters and centimeters.

24. Mrs. Hopkins had $70.48 in her savings account. She withdrew $30.84. A week later, she deposited $30.47. What is the new balance in her savings account? Explain how you found your answer.

25. Pete was working with base-10 blocks. He was using the big cube as the ONE. The flats were tenths. Pete counted 12 longs: 'one-tenth, two-tenths, three-tenths, four-tenths, five-tenths, six-tenths, seven-tenths, eight tenths, nine-tenths, ten-tenths, eleven-tenths, twelve-tenths'. He wrote 0.12 to show what the blocks were worth. Is Pete right? Explain how you found your answer.

26. Forming a Relay Team

Mrs. Wong, the gym teacher, wants to form 3 teams for a 200-yard relay race. There will be 4 students on each team. Each student will run 50 yards.

The table below shows how long it took some fourth-grade students to run 50 yards the last time they had a race. They were timed to the nearest tenth of a second.

Runner	Time (seconds)
Art	6.0
Bruce	6.5
Jamal	6.8
Doug	7.4
Al	7.9
Will	8.3
Linda	6.1
Sue	6.5
Pat	6.8
Mary	7.2
Alba	7.9
Joyce	8.6

1. Help Mrs. Wong create 3 teams that will be fairly evenly matched. She will use their times from the last race to predict about how fast they will run in the relay race.

Write the names of the four students that you think should be on each team.

Estimate about how long you think it will take each team to complete the race.

Name of 4 Students on Each Team   **Estimated Team Time**

Team 1:_____   About ____.____ seconds

Team 2:_____   About ____.____ seconds

Team 3:_____   About ____.____ seconds

2. Explain how you made your teams so that they would be fairly matched.