

Homework

Write these amounts as decimal numbers.

1. 4 tenths _____

2. 72 hundredths _____

3. 6 hundredths _____

4. 8 cents _____

5. $\frac{68}{100}$ _____

6. $9\frac{4}{10}$ _____

7. $\frac{16}{100}$ _____

8. $6\frac{7}{100}$ _____

9. 30 hundredths _____

Circle the number that does not have the same value as the others.

10. 0.95 0.950 0.905

11. 0.2 0.20 0.02

12. 0.730 0.703 0.73

13. 1.6 1.60 1.06

14. 0.59 5.90 $\frac{59}{100}$

15. 0.08 0.008 0.080

Write $>$, $<$, or $=$ to compare these numbers.

16. 4.67 ○ 12.7

17. 0.35 ○ 0.4

18. 4.58 ○ 1.25

19. 8.3 ○ 0.83

20. 0.92 ○ 0.91

21. 2.3 ○ 0.84

22. 10.1 ○ 10.01

23. 7.4 ○ 0.74

The table shows how far four students jumped in the long jump contest. Use the table to answer the questions.

24. Whose jump was longest? _____

25. Whose jump was shortest? _____

26. Which two students jumped the same distance? _____

Long Jump Contest

Name	Length of Jump
Joshua	1.60 meters
Amanda	1.59 meters
Hester	1.7 meters
Miguel	1.6 meters

Remembering

Choose a measurement unit for each rectangle and find the area and perimeter. Show your work.

1. 11 by 8

2. 5 by 9

3. 2 by 6

Multiply.

4. $5 \cdot \frac{2}{3} =$ _____

5. $12 \cdot \frac{1}{5} =$ _____

6. $8 \cdot \frac{4}{7} =$ _____

7. $6 \cdot \frac{3}{8} =$ _____

Solve.

8. There are 10 servings in a bag of pretzels. At a school picnic, 3 whole bags are eaten and 7 servings of another bag. What decimal number represents the number of bags of pretzels that are eaten?

9. **Stretch Your Thinking** Lance says that you can compare any decimal numbers the way that you alphabetize words. You can tell which number is less (or which word comes first in the dictionary) by comparing each digit (or letter) from left to right. Is Lance's thinking correct? Give a numerical example to explain your reasoning.
