

Homework

Write each amount as a decimal number.

1. 9 tenths _____

2. 52 thousandths _____

3. 8 hundredths _____

4. 3 cents _____

5. $\frac{65}{100}$ _____

6. $\frac{548}{1,000}$ _____

7. $\frac{12}{1,000}$ _____

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

9. 4 thousandths _____

Circle the value that is *not* equivalent to the other values.

10. 0.47 0.470 0.407 0.4700 11. 0.5 0.50 $\frac{5}{10}$ 0.05

12. 0.801 0.810 0.81 0.8100 13. 0.700 0.70 0.07 0.7

14. 0.39 0.390 $\frac{39}{100}$ $\frac{39}{1,000}$ 15. 0.04 0.40 0.040 0.0400

Compare. Write > (greater than) or < (less than).

16. 0.36 ○ 0.8

17. 0.405 ○ 0.62

18. 0.91 ○ 0.95

19. 0.45 ○ 0.4

20. 0.836 ○ 0.83

21. 0.299 ○ 0.3

22. 0.621 ○ 0.612

23. 0.7 ○ 0.07

24. 0.504 ○ 0.54

A store had the same amount of five fabrics. The chart shows the how much of each fabric is left. Use the data to answer each question.

25. The store sold the most of which fabric? Explain.

26. The store sold the least of which fabric? Explain.

27. The same amount of which fabrics is left? Explain.

| | |
|---------------|----------|
| Red fabric | 0.510 yd |
| Blue fabric | 0.492 yd |
| Yellow fabric | 0.6 yd |
| White fabric | 0.51 yd |
| Black fabric | 0.48 yd |

Remembering

Estimate the sum or difference by rounding each mixed number to the nearest whole number. Then find the actual sum or difference.

1. $3\frac{7}{8} + 4\frac{2}{3}$

Estimate: _____

Sum: _____

2. $7\frac{5}{8} - 1\frac{1}{2}$

Estimate: _____

Difference: _____

Solve. Explain how you know your answer is reasonable.

Show your work.

3. Eli practices for a piano recital $3\frac{3}{4}$ hours in one week. In the same week, he practices basketball $1\frac{2}{3}$ hours. How much longer does he practice for his piano recital?

Answer: _____

Why is the answer reasonable?

Write a decimal number for each word name.

4. six hundred two and six tenths

5. five thousandths

6. **Stretch Your Thinking** Draw two number lines that show 0.200 and $\frac{1}{5}$ are equivalent.