

Practice 1-8**Multiplying and Dividing by 10, 100, and 1,000****Use mental math to find each product.**

1. 8.7×100

2. $6.5(1 \cdot 10)$

3. $10(6.21)$

4. 5.97×100

5. $4 \times 0.2 \times 5$

6. $3 \times (0.8 \times 1)$

7. 5.23×100

8. $0.38 \cdot 1,000$

9. $(5)(4.2) \times 10$

10. $1,000(2.7)$

11. $(1 \times 100)4.6$

12. $25 \cdot 7.1 \cdot 4$

Use mental math to find each quotient.

13. $7.8 \div 10$

14. $8.91 \div 100$

15. $10 \overline{)46.3}$

16. $0.6 \div 10$

17. $1.45 \div 10$

18. $62.3 \div 100$

19. $100 \overline{)0.76}$

20. $608 \div 100$

21. $4.1 \div 10$

22. $128.3 \div 10$

23. $10 \overline{)16.2}$

24. $6.83 \div 100$

Use $<$, $=$, or $>$ to complete each statement.

25. 2.8×10 $26 \cdot 100$

26. $56 \div 100$ $5.6 \div 100$

27. 3.1×10 $(0.5 \cdot 0.2)3.1$

28. $\$16.20 \div 10$ $\$162.00 \div 100$

29. $6.8 \div 100$ $680 + 10$

30. $38.6 \cdot 10$ $2 \cdot 38.6 \cdot 5$

31. $8.3 \cdot 10 \cdot 1$ 8.3×100

32. $126 \cdot 1,000$ $12.6 \cdot 1 \cdot 100$

Solve.33. There are 32 rows in a spreadsheet and 100 columns. How many cells are in the spreadsheet? (*Hint*: cells = rows \times columns)

34. Paper towels are sold in packages of 12 and 8. You purchased 4 of the 12-packs and 6 of the 8-packs. How many rolls of paper towels did you buy?
