

Skill: Dividing Decimals**Investigation 3****Bits and Pieces III****Use mental math to find each quotient.**

1. $7.8 \div 10$

2. $8.91 \div 100$

3. $10 \overline{)46.3}$

4. $0.6 \div 10$

5. $1.45 \div 10$

6. $62.3 \div 100$

Find each quotient.

7. $0.4 \div 0.02$

8. $3.9 \div 0.05$

9. $0.2 \overline{)26}$

10. $0.4 \overline{)1.08}$

11. $0.68 \div 0.2$

12. $0.02 \overline{)0.06}$

13. $14 \overline{)889}$

14. $0.09 \overline{)0.108}$

15. $0.04 \overline{)0.024}$

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

16. $56 \div 100 \blacksquare 5.6 \div 100$

17. $\$16.20 \div 10 \blacksquare \$162.00 \div 100$

Skill: Dividing Decimals *(continued)***Investigation 3****Bits and Pieces III****Find each quotient.**

18. $1.8 \div 6$

19. $16\overline{)3.2}$

20. $17\overline{)5.1}$

21. $9\overline{)21.6}$

22. $15\overline{)123}$

23. $108 \div 5$

24. $50\overline{)17.5}$

25. $24\overline{)120.06}$

26. $9\overline{)11.24}$

Solve.

27. A package of 25 mechanical pencils costs \$5.75. How much does each pencil cost?

28. A sales clerk is placing books side by side on a shelf. She has 12 copies of the same book. If the books cover 27.6 inches of the shelf, how thick is each book?

29. The salt content in the Caspian Sea is 0.13 kilograms for every liter of water. How many kilograms of salt are in 70 liters?

Find each quotient. Identify each as a terminating or repeating decimal.

30. $2.5 \div 0.08$

31. $9.6 \div 0.5$

32. $0.25 \div 0.03$