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Chapter 4 Section C Diagnostic Checkpoint

MULTIPLE CHOICE

- Use mental math to find the quotient of $275.42 \div 100$. (4-9)
A. 0.027542 B. 0.27542 C. 2.7542 D. 27.542
- Find $\$275.42 \div 24$ rounded to the nearest cent. (4-10)
A. \$11.4 B. \$11.48 C. \$11.476 D. \$11.4758



FREE RESPONSE

Use mental math to find each quotient. (4-9)

3. $700 \div 10$ 4. $245.3 \div 100$ 5. $42.7 \div 1,000$ 6. $253 \div 100$

Find each quotient. Check your answers by multiplying. (Round to the nearest cent, if necessary.) (4-10)

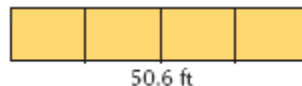
7. $\$605.92 \div 14$ 8. $\$397.95 \div 21$ 9. $\$730 \div 40$ 10. $\$249.36 \div 20$

Find each quotient. Check by multiplying. (4-11)

11. $688.8 \div 42$ 12. $73.2 \div 40$ 13. $0.4248 \div 18$ 14. $47.52 \div 18$

Solve. Write your answer as a sentence.

- The local supermarket sells a 12-ounce bag of peanuts for \$9.36. How much would you pay for just one ounce of peanuts? (4-10)
- To make banners for the Fourth of July Parade, Mitchell needs to cut a long strip of cloth into four pieces of equal length. If the banner is 50.6 feet long, how long will each piece be? (4-11, 4-12)



Writing in Math

- Our school's fifth grade Math Club is having a Pizza Party Practice to prepare for the State Math Contest. The pizza delivery person presents a bill for \$64.36. The team coach volunteers to contribute \$10 to help pay for the cost of the pizza. If twelve students are at the practice and decide to split the remaining cost equally, how much must each pay? Explain your work and write your answer in a sentence. (4-10)
- In Lesson 4-9, you discovered a rule for dividing any number by 10, 100, or 1,000. Use your calculator to help you discover a rule for dividing any number by 20, 200, and 2,000. Use 46, 24.8, and 4.28 as your dividends. State your rule in a sentence. (4-9)