Divide Decimals by Whole Numbers

Divide. Round each quotient to the nearest hundredth if necessarey.

17. $627 \div 100 =$ _____

18. $26 \div 10 =$ _____

19. $30.87 \div 4 =$ _____

20. $44.4 \div 53 =$ _____

Complete the pattern.

21. $11.7 \div 10 =$ _____

$11.7 \div 100 =$ _____

$11.7 \div 1{,}000 =$ _____

22. $4.2 \div 10 =$ _____

$4.2 \div 100 =$ _____

$4.2 \div 1{,}000 =$ _____

23. $89 \div 10 =$ _____

$89 \div 100 =$ _____

$89 \div 1000 =$ _____

Problem Solving

24. Twelve students each ordered a different meal from a fast-food restaurant as part of a science project. When they finished eating, they weighed all the packaging. They found that the packaging weighed a total of 2.88 lb. What was the average weight of the packaging from each meal?

_____

25. Later in the year, the same 12 students repeated the experiment. The total weight of the same order's packaging this time was 2.06 lb. To the nearest hundredth of a pound, what was the new average weight of the packaging?

_____

Use with Grade 5, Chapter 3, Lesson 8, pages 124–127. (88)