► Vocabulary

Choose the best term from the box.

1. _____ are the products of the ones, tens, hundreds, and so on in multidigit multiplication. (Lessons 2-7)

2. An _____ is a number close to an exact amount. (Lesson 2-5)

3. The _____ lets you find a number times a sum by multiplying the number by each addend and then adding the products. (Lessons 2-7)

► Concepts and Skills

4. Write the steps for finding 50 × 30 by factoring the tens. (Lesson 2-2)

_____

_____

5. Explain how you know that 10 × 60 = 600. (Lesson 2-2)

_____

_____

6. Explain how the Expanded Notation Method is similar to the Place Value Sections Method when multiplying a one-digit number by a two-digit number. (Lesson 2-6)

_____

_____

7. Use mental math to find each product. (Lesson 2-3)

4 × 7 _____   4 × 700 _____

4 × 70 _____   4 × 7,000 _____

40 × 70 _____

Multiply using any method. Show your work.
(Lessons 2-8, 2-10, 2-14)

8. 3×68 _____

9. 5×84 _____

10. 3×506 _____

11. 9×265 _____

12. 16×50 _____

13. 12×32 _____

14. $6 \times 4,518$ _____

15. $4 \times 2,706$ _____

Estimate each product. Solve to check your estimate.
(Lessons 2-5, 2-14, 2-17)

16. 7×82

_____

_____

_____

17. 33×66

_____

_____

_____

18. 46×20

_____

_____

_____

19. $9 \times 3,276$

_____

_____

_____

▶ Problem Solving

Find the exact cost. (Lessons 2-4, 2-10)

20. A rental car costs $63 per day. If someone rents the car for 6 days, how much will be the total cost?

_____

21. The Adventure Club is going skating. The price of admission to the skating rink is $3 per person. If there are 214 people in the club, how much will it cost the club to skate?

_____

22. A travel agent is booking flights for a group of 9 people. If each airplane ticket costs $184, how much will their tickets cost altogether?

_____

Solve each problem. List any extra numerical information. *show your work.*
(Lesson 2-15)

23. Mariah is painting wall murals in the cafeteria. One mural is 12 feet by 28 feet. The other mural is 12 feet by 32 feet. What is the total area of the cafeteria that Mariah is painting?

_____

24. A family spent 7 hours at the zoo. They bought 2 adult tickets for $20 each and 3 child tickets for $10 each. They bought lunch for $23. How much did the tickets cost?

_____

25. **Extended Response** Sketch an area model for the product 6 × 3,243. Explain how the area model can be used to find the product. (Lesson 2-16)

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