



Section A: Lessons 2-1 through 2-6 Review

Do You Know How?

Do You Understand?

Multiplication Patterns (2-1)

Mental Math: Using the Distributive Property (2-3)

Find each product. Use patterns and properties to compute mentally.

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|---------------------------|----------------------------|
| 1. 50×90 | 2. 700×300 |
| 3. 97×8 | 4. 7×406 |
| 5. $6 \times 80 \times 5$ | 6. $45 \times 2 \times 60$ |

- A** Tell what patterns and properties you used in each exercise.
- B** Explain how the Distributive Property can help you find the product in Exercise 4.

Estimating Products (2-2)

Estimate each product.

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|----------------------------|------------------------------|
| 7. $9 \times 84 \times 20$ | 8. $22 \times 6 \times 47$ |
| 9. $37 \times 4 \times 98$ | 10. $60 \times 75 \times 11$ |

- C** Explain how you found your estimates in Exercises 7 and 8.
- D** Is your estimate an overestimate or underestimate for Exercise 9? Tell why.

Multiplying Whole Numbers (2-4)

Choose a Computation Method (2-5)

Find each product.

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|----------------------|----------------------|
| 11. 51×6 | 12. 623×8 |
| 13. 800×400 | 14. 1×599 |
| 15. 367×0 | 16. 254×187 |

- E** Tell which computation method you chose for each exercise.
- F** Is it reasonable to use paper and pencil to find the product in Exercise 12? Explain.

Problem-Solving Strategy: Make an Organized List (2-6)

17. Chris is packing his suitcase for a trip. He packs a blue, a green, and a red shirt. He also packs one tan pair and one black pair of pants. How many different outfits can be made from these clothes?

- G** Identify the information given in the problem. Tell what you need to find out.
- H** Tell how you solved the problem. What strategy did you use?