Lesson 1.3 Practice: The Distributive Property and Mental Math

School Launch · Pre-Algebra · Unit 1: Whole Numbers and Number Sense · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Use the distributive property to find 3×98 in your head. Write the step you used. EASY

2. Use the distributive property to find 5×99 in your head. Write the step you used. EASY

3. Use the distributive property to find 5×98 in your head. Write the step you used. EASY

4. Use the distributive property to find 12×51 in your head. Write the step you used. MEDIUM

5. Use the distributive property to find 16×101 in your head. Write the step you used. MEDIUM

6. Use the distributive property to find 8×98 in your head. Write the step you used. MEDIUM

7. Use the distributive property to find 16×102 in your head. Write the step you used. MEDIUM

8. Use the distributive property to find 16×997 in your head. Write the step you used. HARD

9. Use the distributive property to find 9×1001 in your head. Write the step you used. HARD

10. Use the distributive property to find 14×298 in your head. Write the step you used. HARD