Lesson 9.2 Practice: Factoring x² + bx + c

School Launch · Algebra I · Unit 9: Factoring · 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. Factor completely: $x^2 - 7x + 6$. EASY

2. Factor completely: $x^2 + 5x + 4$. EASY

3. Factor completely: $x^2 + x - 42$. EASY

4. Factor completely: $x^2 - 13x + 42$. MEDIUM

5. Factor completely: $x^2 + 5x - 36$. MEDIUM

6. Factor completely: $x^2 - 5x + 6$. MEDIUM

7. Factor completely: $x^2 - x - 12$. MEDIUM

8. Factor completely: $2x^2 - 4x - 96$. HARD

9. Factor completely: $2x^2 - 4x - 48$. HARD

10. Factor completely: $2x^2 - 24x + 72$. HARD