

Name: _____ Class: _____ Date: _____

Algebra 2 CP Worksheet Section 5.2

Factor each expression.

1. $x^2 + 13x + 40$

2. $x^2 + 2x - 80$

3. $3x^2 + 17x + 10$

4. $5x^2 - 7x + 2$

5. $5x^2 - 7x + 2$

6. $14x^2 - 8x - 6$

7. $6x^2 - 21x - 12$

8. $20x^2 - 40x + 15$

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Factor and solve each equation.

9. $x^2 - 2x - 15 = 0$

11. $x^2 + 13x = -42$

10. $3x^2 - 2x - 8 = 0$

12. $10x^2 + 6 = 19x$