

Name _____
Alg2a B

Due December 14 2018
Solving Quadratics

1) $x^2 - 2x - 80 = 0$

2) $x^2 + 72 = -27x$

3) $4x^2 - 44x + 112 = 0$

4) $6x^4 + 36x^3 - 240x^2 = 0$

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5) $12x^2 - 4x - 19 = 8x^2 - 4x + 6$

6) $10x^2 + 3x - 14 = 13x^2 - 12x - 14$

7) $6x^2 - 12x - 3 = 7x^2 - 5x - 47$

8) $6x^2 - 9x - 43 = 2x^2 - 5x + 5$

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$$9) 6x^2 - 12x + 6 = 0$$

$$10) x^3 + 42x = 17x^2$$

$$11) x^2 - 3x + 55 = 7x^2 + 9x - 35$$

$$11) 8x^2 = 120 - 112x$$