EXTRA PRACTICE — Exercises

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Unit IX – The Conic Sections Part A – Parabolas - The Quadratic Function Lesson 6 – Intercepts

Sketch the graph of the solution set of each of the following second-degree equations. In addition, identify the *x*-intercepts and the *y*-intercepts, if they exist, to make each sketch more accurate.

1. $y=2x^{2}+2x+1$ 2. $y=2x^{2}-2x+3$

3. $y = 4x^2 + 8x + 1$ 4. $y = 3x^2 - 24x + 50$

5. $y = 4x^2 - x + 8$

EXTRA PRACTICE — Answer Key

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