ALGEBRA I

Lesson 15: Using the Quadratic Formula

Classwork

Opening Exercise

Solve:

1.
$$4x^2 + 5x + 3 = 2x^2 - 3x$$

2.
$$c^2 - 14 = 5c$$

Exercises 1-5

Solve the following equations using the quadratic formula.

1.
$$x^2 - 2x + 1 = 0$$



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$$2. \quad 3b^2 + 4b + 8 = 0$$

3.
$$2t^2 + 7t - 4 = 0$$

4.
$$q^2 - 2q - 1 = 0$$

5.
$$m^2 - 4 = 3$$