Algebra 2

Name:

Solving Quadratic Equations – 5 Methods Worksheet

Date:

Show all work for full credit.

Solve each equation using each of the given methods.

Solve using **Square Roots**	Solve using **Factoring**	Solve using **Completing the Square**	Solving using **Quadratic Formula**	Solve using **Graphing** (Sketch graph and mark points)
1. $x^2 - 36 = 0$				

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Solve using **Square Roots**	Solve using **Factoring**	Solve using **Completing the Square**	Solving using **Quadratic Formula**	Solve using **Graphing** (Sketch graph and mark points)
2. $2x^2 + 5x - 10 = 2$ **(Can't be done using this method)** **EXPLAIN WHY…..**				

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Solve each equation using each of the given methods.

Solve using **Square Roots**	Solve using **Factoring**	Solve using **Completing the Square**	Solving using **Quadratic Formula**	Solve using **Graphing** (Sketch graph and mark points)
3. $-x^2 + 6x - 10 = 0$ **(Can't be done using this method)** **EXPLAIN WHY…..**				