Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra 1 PTech

Warm Up

 Quadratic Formula: $x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$

Use the quadratic formula to find the zeros of the quadratic below:

 y = 2x2 – 8x + 4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra 1 PTech

Cool Down

Find the zeros of the following quadratic. You may use any method of your choice.

 4x2 + 8x + 7 = 4

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Algebra 1 PTech



Unit 9 Lesson 7

Homework

Quadratic Formula: $x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$

For each of the following, solve the quadratic algebraically. Show all work.

1. 4x2 – 100 = 0 2. (x + 2)2 – 25 = 0

3. x2 – 6x = 12