5.2 Re-Teach Worksheet

Name _____

Intermediate Algebra B

5.2 I can represent real-world situations with quadratic equations and solve using appropriate methods.

Level 1:

Solve the quadratic Equations:

1.
$$2x^2 - 1 = 49$$

2.
$$x^2 - 5x = 6$$

3.
$$3(x-1)^2 + 5 = 32$$

4. $7x^2 = -16x - 11$

5.
$$16x^2 = -1 - 8x$$

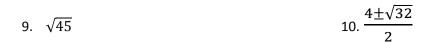
6. $x^2 - 2x = 6$

Simplify the following Radicals:

7. $\sqrt{-75}$ 8. $2\sqrt{96}$

Name _____

5.2 Re-Teach Worksheet Intermediate Algebra B Simplify the following Radicals:



11.
$$\frac{3\pm\sqrt{81}}{2}$$
 12. $\frac{-8\pm\sqrt{-100}}{4}$



14.
$$\frac{-4\pm\sqrt{48}}{2(3)}$$