**Quadratic Formula Worksheet**

Solve each equation using the quadratic formula: 

1. x2 – 7x + 10 = 0 2. x2 – 14x + 45 = 0

3. 0.25x2 – 0.25x – 10.5 = 0 4. 0.3y2 + 0.15y – 11.7 = 0

5. 10k2 + 200k + 937.5 = 0 6. x2 – 11x + 30.25

7. 4x2 + 8x – 77 8. 16y2 – 8y – 3 = 0

9. x2 – 1.375x + 0.375 = 0 10. z2 + 0.6z – 20.16 = 0

11. x2 = 15 + 2x 12. x2 – 10x + 35 = 7x – 35

13. 2x2 + 5 + 20x = 20 – 8x2 + x 14. 3 = 16p – 20p2

**ANSWERS** (in random order):

0.5, 0.3 -7.5, -12.5 7, -6 6, -6.5 5, 2

1, 0.375 9, 7 3.5, -5.5 9, 5 10, 7

5, -3 0.75, -0.25 5.5 0.6, -2.5 4.2, -4.8