**Honors Math 2 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Solve each quadratic equation below by factoring. Be sure to show your work.

1. x2 + 8x + 15 = 0 2. x2 + 2x = 0

3. -3x2 + 18x = 24 4. x2 – 2x + 5 = 0

5. x2 + 12 = 8x 6. x2 = -6x – 8

7. -2x2 – 4x – 2 = 0 8. x2 + 4x = -3

9. 2x2 = 4x 10. -2x – 3 = -x2

After solving all the quadratic equations on the previous page, in the blank beside each graph below, but the problem number of the equation that each graph corresponds to.



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