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

**Solving Quadratics: Square Roots Method, Factoring (a=1), & GCF**

**Solve by Factoring:**

|  |  |  |
| --- | --- | --- |
| 1. x2 + 16x + 64 = 0 | 1. x2 – 13x + 40 = 0 | 1. x2 + 13x – 20 = 10 |
| 1. x2 – 11x – 60 = 0 | 1. x2 + 11x – 10 = 32 | 1. x2 – 8 = -7x |

**Solve by Factoring (GCF):**

|  |  |  |
| --- | --- | --- |
| 1. 3x2 – 51x – 180 = 0 | 1. 6x2 + 48x = -72 | 1. 4x2 – 20x +42 = 20x – 42 |

**Solve Using the Square Roots Method:**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |