Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

**Study Guide for Unit 7 Quadratics Expressions and Equations**

**Learning Target #4:** “I can solve a quadratic equation using the factoring and zero product property method.” A-REI-4b

|  |
| --- |
| 1. **Solve** the quadratic equation using the **FACTORING and ZERO PRODUCT PROPERTY.** |
| 1. **Solve** the quadratic equation using the **FACTORING and ZERO PRODUCT PROPERTY.** |
| 1. **Solve** the quadratic equation using the **ZERO PRODUCT PROPERTY.** |

**Learning Target #5:** “I can solve a quadratic equation using the completing the square method.” A-REI-4a

|  |
| --- |
| 1. **Solve** the quadratic equation using the **COMPLETING THE SQUARE method.** |
| 1. **Solve** the quadratic equation using the **COMPLETING THE SQUARE method.** |
| 1. **Solve** the quadratic equation using the **COMPLETING THE SQUARE method.** |

**Learning Target #6:** “I can solve a quadratic equation using the quadratic formula.” A-REI-4b

|  |
| --- |
| 1. **Solve** the quadratic equation using the **QUADRATIC FORMULA.**   \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ |
| 1. **Solve** the quadratic equation using the **QUADRATIC FORMULA.**   \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ |
| 1. **Solve** the quadratic equation using the **QUADRATIC FORMULA.**   \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ |