**Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.5 Homework**

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|  |  |
| --- | --- |
| **6.** | **7.** |
| **26.** | **27.** |

**Solve each equation by using the Square Root Property.**

|  |  |
| --- | --- |
| **1.** | **2.** |
| **3.** | **14.** |
| **15.** | **16.** |

**Solve each equation by completing the square.**

|  |  |
| --- | --- |
| **8.** | **9.** |
| **30.**  | **31.** |
| **32.** | **37.** |
| **40.** | **41.**  |

**Key:**

|  |  |
| --- | --- |
| **6. 25; (x + 5)2** | **7.** $\frac{25}{4}, (x-\frac{5}{2})^{2}$ |
| **26. 16; (x + 4)2** | **27. 64; (x + 8)2** |
| **1.**  | **2.** |
| **3.** | **14.** |
| **15.** | **16.** |
| **8.** | **9.** |
| **30.** | **31.** |
| **32.** | **37.** |
| **40.** | **41.** |