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

 Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_

**Solving Radical Equations**

**Solve each equation. Remember to check for extraneous solutions.**

|  |  |
| --- | --- |
| **1.)**$ 15=9+\sqrt{x}$ | **2.)**$ \sqrt[4]{n+8}-6=-3$ |
| **3.)**$ \sqrt{3z+4}=5$ | **4.)**$ \sqrt{p-3}+6=5$ |
| **5.)**$ 3=\sqrt[3]{x-2}$ | **6.)**$ 2\sqrt[5]{6m-4}-1=3$ |
| **7.)**$ \sqrt{5w+3}=\sqrt{4w+5}$ | **8.)**  |
| **9.)**  | **10.)**  |
| **11.)**  | **12.)**  |