

PC11

Name: _____

Date: _____

Radical Equations Test (A)

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- Solve the given equations algebraically. Check and verify your solutions.
- Clearly identify whether the solution is valid or extraneous.

[4] 1. $\sqrt{x-2} + 5 = x + 1$

[4] 2. $12 = 5 + \sqrt{-x}$

[4] 3. $\sqrt{x} - 1 = \sqrt{x - 1}$

[2] 4. One third of the principal root of a number is the difference of nine and seven.