

Name: **Key**

UNIT 9 – DAY 15

SOLVING RADICAL EQUATIONS – HOMEWORK

Solve each equation. Remember to check for extraneous solutions.

1) $8 = 5 + \sqrt{p+3}$ **$p = 6$**

2) $\sqrt{4x} = 10$ **$x = 25$**

3) $-1 = \sqrt{m+6} - 3$ **$m = -2$**

4) $10 + \sqrt{x-5} = 17$ **$x = 54$**

5) $\sqrt{6-6r} - 6 = 0$ **$r = -5$**

6) $6 + \sqrt{x+1} = 9$ **$x = 8$**

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