

Learning Activity – Section 4.6 – Radical Equations

Names: _____

Solve the equations, and write each solution set.

1. $7 = \sqrt{3x-4} + 1$

2. $\sqrt[4]{7-2x} - 1 = 2$

3. $2\sqrt{10-w} + w = 2$

$$4. \sqrt[3]{2p-7} - \sqrt[3]{8-p} = 0$$

$$5. \sqrt{10x^2 - 7x - 5} = 3x - 1$$

$$6. \sqrt{2x+7} + 3 = 1$$