

Name: _____
PCH: More Solving Radical Equations

Date: _____
Ms. Loughran

Do Now:
Solve for x .

1. $2\sqrt{x} = \sqrt{4x-3} + 1$

Classwork:
Solve for x .

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

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

$$3. \sqrt{5-2x} + \sqrt{x-1} = 2$$

$$4. \sqrt{2x+1} + \sqrt{x-3} = 2$$

$$5. \sqrt[3]{x-5} + 3 = 0$$

$$6. \sqrt[4]{2x-8} = \sqrt[4]{6-5x}$$