

Name: _____
PCH: Even More Solving Radical Equations

Date: _____
Ms. Loughran

Do Now:
Solve for x .

1. $\sqrt{x^2 - 6x} = x - \sqrt{2x}$

Classwork:
Solve for x .

1. $x\sqrt{4-x} - \sqrt{9x-36} = 0$

2. $\sqrt{x-7} + \sqrt{x+9} = 8$

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

$$4. \sqrt{x-1} - \sqrt{2x-11} = 0$$

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

$$6. \sqrt{4x+5} - \sqrt{x+5} = \sqrt{x-2}$$

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

$$8. 2\sqrt{x} + 1 = \frac{6}{\sqrt{x}}$$