

Solving Equations with One Radical

Name _____

Date _____ Period _____

Solve the following equations

$$\sqrt{x-3} = 3$$

$$4\sqrt[3]{x+1} = 16$$

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

Solve the following equations

$$\sqrt{x+6} - 2 = 3$$

$$3\sqrt[3]{3x+6} = 9$$

$$(5x+1)^{\frac{1}{4}} = 4$$

Solve the following equations

$$\sqrt{8x + 1} = x + 2$$

$$\sqrt{3x - 11} = x - 3$$