

Solving Equations with Two Radicals

Name _____

Date _____ Period _____

Solve the following equations

$$\sqrt{x+6} = \sqrt{2x-1}$$

$$\sqrt[3]{x-4} = \sqrt[3]{3x-8}$$

$$\sqrt[5]{x+4} = \sqrt[5]{3x-2}$$

Solve the following equations

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

$$\sqrt[3]{x+7} = 2\sqrt[3]{x}$$

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