Type Two. Two radicals in the equation.

Solve each equation. Remember to check for extraneous solutions

$$\sqrt{2n-8} = \sqrt{20-2n}$$

Step one: Get the radicals separated by the = . You may have to add/subtract to do this.

Step two: Undo the square root by squaring both sides of the equation.

Step three: SOLVE the equation

Step four: Check your answer

Solve each equation. Remember to check for extraneous solutions

$$0 = \sqrt{9-m} - \sqrt{2m}$$

Step one: Get the radicals separated by the = . You may have to add/subtract to do this.

Step two: Undo the square root by squaring both sides of the equation.

Step three: SOLVE the equation

Step four: Check your answer

Solve each equation. Remember to check for extraneous solutions

$$\sqrt{2k-4}+1=\sqrt{2k+1}$$

Step one: Get the radicals separated by the = . You may have to add/subtract to do this.

Step two: Undo the square root by squaring both sides of the equation.

Step three: SOLVE the equation

Step four: Check your answer