Directions: Solve the following equations for all values of *x*.

$ \sqrt{x}+3=8$ $\sqrt{x-3}=5$ $x=\sqrt{6x-8}$

*x* = \_\_\_\_\_\_\_\_\_\_ *x* = \_\_\_\_\_\_\_\_\_\_ *x* = \_\_\_\_\_\_\_\_\_\_

$ 4\sqrt{x}-1=7$ $\sqrt{2x-8}+4=6$ $x=\sqrt{24-10x}$

*x* = \_\_\_\_\_\_\_\_\_\_ *x* = \_\_\_\_\_\_\_\_\_\_ *x* = \_\_\_\_\_\_\_\_\_\_