





810
$$\sqrt{x} + \sqrt{x-4} > \sqrt{2x-1}$$

$$\begin{pmatrix} \times > 0 \\ x-4 > 0 \\ 2x-1 > 0 \end{pmatrix} \Rightarrow \times > 4$$

$$2x-1 > 0$$

$$\begin{pmatrix} \times > 4 \\ 2x-4+2\sqrt{x^2-4x} > 2x-4 \end{pmatrix} \Rightarrow 2x-4$$

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$$\begin{pmatrix} \times > 4 \\ 4(x^2-4x) > 3 \end{pmatrix} \begin{pmatrix} \times > 4 \\ 4x^2-16x-3 > 0 \end{pmatrix} \Rightarrow \begin{pmatrix} \Delta = 64+36=400 \\ 4 = 44+36=400 \end{pmatrix}$$

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