735 
$$\sqrt{x} - 3 = \sqrt{3} - \sqrt{12 - x}$$
 [3;9]

$$\begin{pmatrix} x \geqslant 0 & | \Rightarrow \rangle & 0 \le x \le 12 \\ 12 - x \geqslant 0 & | \Rightarrow \rangle & 0 \le x \le 12 \\ \sqrt{x} + \sqrt{12 - x} = 3 + \sqrt{3} & | x + 12 - x + 2\sqrt{x} + 2\sqrt{x}$$



