You may have thought that the \sqrt{a} in the top and the bottom would simplify to 1. That kind of simplification would hold only if \sqrt{a} were a *factor* of the denominator. Multiply the numerator and denominator by the conjugate of the denominator:

$$\frac{\sqrt{a}}{\sqrt{a}-5} \cdot \frac{\sqrt{a}+5}{\sqrt{a}+5}$$

Use FOIL. Simplify radicals. The correct answer is: $\frac{a+5\sqrt{a}}{a-25}$