

$$1. \frac{a\sqrt{x} - x\sqrt{a}}{\sqrt{a} - \sqrt{x}} = \frac{\sqrt{ax}(\sqrt{a} - \sqrt{x})}{\sqrt{a} - \sqrt{x}} = \sqrt{ax}.$$

$$2. \frac{\sqrt{a+b} - \sqrt{a-b}}{a+b - \sqrt{a^2 - b^2}} = \frac{\sqrt{a+b} - \sqrt{a-b}}{\sqrt{a+b}(\sqrt{a+b} - \sqrt{a-b})} = \frac{1}{\sqrt{a+b}} = \frac{\sqrt{a+b}}{a+b}.$$

(Klein Gyula, ág.h.ev.fg. Budapest.)

Megoldások száma: 32.