

$$(a) \frac{1}{\sqrt{2} + \sqrt{3} - \sqrt{5}} = \frac{\sqrt{2} + \sqrt{3} + \sqrt{5}}{2\sqrt{6}} = \frac{2\sqrt{3} + 3\sqrt{2} + \sqrt{30}}{12}.$$
$$(b) \frac{\sqrt{a+x} + \sqrt{a-x}}{\sqrt{a+x} - \sqrt{a-x}} = \frac{(\sqrt{a+x} + \sqrt{a-x})^2}{a+x - (a-x)} = \frac{a + \sqrt{a^2 - x^2}}{x}.$$

(Szabó Rudolf, Eger.)

Megoldások száma: 36.