

$$1. \quad \frac{a^4 - b^4}{a^2 - b^2} = \frac{(a^2 + b^2)(a^2 - b^2)}{a^2 - b^2} = a^2 + b^2.$$

$$2. \quad \frac{a^2 + a - 90}{a^2 + 2a - 99} = \frac{(a+10)(a-9)}{((a+11)(a-9)} = \frac{a+10}{a+11}.$$

$$3. \quad \frac{2a^3 - 7a^2 + 2a + 3}{2a^3 - 9a^2 + 70a - 3} = \frac{(2a+1)(a^2 - 4a + 3)}{(2a-1)(a^2 - 4a + 3)} = \frac{2a+1}{2a-1}$$

(Putnoky László, Budapest. V. ker.)

Megoldások száma: 48.