

### Introducerea factorilor sub radical

$$a, b \in \mathbb{R}, b \geq 0$$

$$a\sqrt{b} = \begin{cases} \sqrt{a^2b}, & a \geq 0 \\ -\sqrt{a^2b}, & a < 0 \end{cases}$$

Exemple:

$$7\sqrt{2} = \sqrt{7^2 \cdot 2} = \sqrt{98}$$

$$-6\sqrt{3} = -\sqrt{(-6)^2 \cdot 3} = -\sqrt{108}.$$

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