

IV.

Usměrňte zlomky:

a) $\frac{9}{\sqrt{3}}$	$\frac{9}{\sqrt{3}} = \frac{9}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{9\sqrt{3}}{3} = 3\sqrt{3}$
b) $\frac{12}{\sqrt[5]{6^3}}$	$\frac{12}{\sqrt[5]{6^3}} = \frac{12}{\sqrt[5]{6^3}} \cdot \frac{\sqrt[5]{6^2}}{\sqrt[5]{6^2}} = \frac{12\sqrt[5]{6^2}}{6} = 2 \cdot \sqrt[5]{6^2}$
c) $\frac{7}{2+3\sqrt{2}}$	$\frac{7}{2+3\sqrt{2}} = \frac{7}{2+3\sqrt{2}} \cdot \frac{2-3\sqrt{2}}{2-3\sqrt{2}} = \frac{7 \cdot (2-3\sqrt{2})}{4-18} = -\frac{2-3\sqrt{2}}{2} = \frac{3\sqrt{2}-2}{2}$