

<p>1. Izračunati:</p> <p>a) $10\sqrt{0.0009} + \sqrt{1.69}$</p>	<p>b) $\sqrt[3]{-\frac{1}{27}x^3y^6z^{36}}$</p>	<p>Bodovi</p> <p>1 bod</p> <p>1 bod</p>
<p>c) $\frac{\sqrt{15}}{\sqrt{700}} \cdot \sqrt{\frac{35}{3}}$</p>	<p>d) $(8 + 4\sqrt{3})(\sqrt{2} - \sqrt{6})^2$</p>	<p>1 bod</p> <p>2 boda</p>
<p>2. Djelomično korjenovati i pojednostavniti izraz:</p> <p>a) $9\sqrt{44} - 20\sqrt{99} + 5\sqrt{11}$</p>	<p>b) $\sqrt[3]{\frac{56b^{-3}}{a^{22}c}}$</p>	<p>2 boda</p> <p>1 bod</p>
<p>3. Racionalizirati nazivnik u izrazu:</p> <p>a) $\frac{8}{\sqrt[3]{40}}$</p>	<p>b) $\frac{\sqrt{5} + 2}{\sqrt{5} - 2}$</p>	<p>2 boda</p> <p>2 boda</p>

<p>1. Izračunati:</p> <p>a) $\sqrt{1.44} + 10\sqrt{0.0025}$</p>	<p>b) $\sqrt[3]{-\frac{1}{64}a^3b^9c^{39}}$</p>	<p>Bodovi</p> <p>1 bod</p> <p>1 bod</p>
<p>c) $\sqrt{\frac{12}{800}} \cdot \frac{\sqrt{32}}{\sqrt{3}}$</p>	<p>d) $(9 - 6\sqrt{2})(\sqrt{6} + \sqrt{3})^2$</p>	<p>1 bod</p> <p>2 boda</p>
<p>2. Djelomično korjenovati i pojednostavniti izraz:</p> <p>a) $9\sqrt{90} + 10\sqrt{10} - 15\sqrt{160}$</p>	<p>b) $\sqrt[3]{\frac{y^{-3}x^{23}}{48z}}$</p>	<p>2 boda</p> <p>1 bod</p>
<p>3. Racionalizirati nazivnik u izrazu:</p> <p>a) $\frac{8}{\sqrt[3]{24}}$</p>	<p>b) $\frac{\sqrt{2}-1}{\sqrt{2}+1}$</p>	<p>2 boda</p> <p>2 boda</p>

