

<p>1. Izračunati:</p> <p>a) <math>10\sqrt{0.0081} + \sqrt{1.21}</math></p>	<p>b) <math>\sqrt[3]{-\frac{1}{8}x^3y^6z^{21}}</math></p>	<p>Bodovi</p> <p>1 bod</p> <p>1 bod</p>
<p>c) <math>\sqrt{\frac{5}{18}} \cdot \frac{\sqrt{600}}{\sqrt{15}}</math></p>	<p>d) <math>(3 + \sqrt{2})^2 (11 - 6\sqrt{2})</math></p>	<p>1 bod</p> <p>2 boda</p>
<p>2. Djelomično korjenovati i pojednostavniti izraz:</p> <p>a) <math>7\sqrt{3} - 5\sqrt{48} + 6\sqrt{27}</math></p>	<p>b) <math>\sqrt[3]{\frac{24a}{b^3c^8}}</math></p>	<p>2 boda</p> <p>1 bod</p>
<p>3. Racionalizirati nazivnik u izrazu:</p> <p>a) <math>\frac{9}{\sqrt[3]{3}}</math></p>	<p>b) <math>\frac{3}{\sqrt{5} - \sqrt{2}}</math></p>	<p>2 boda</p> <p>2 boda</p>



<p>1. Izračunati:</p> <p>a) <math>\sqrt{1.69} + 10\sqrt{0.0004}</math></p>	<p>b) <math>\sqrt[3]{-\frac{1}{27}a^3b^9c^{27}}</math></p>	<p>Bodovi</p> <p>1 bod</p> <p>1 bod</p>
<p>c) <math>\frac{\sqrt{27}}{\sqrt{3}} \cdot \sqrt{\frac{12}{300}}</math></p>	<p>d) <math>(2 - \sqrt{5})^2 (9 + 4\sqrt{5})</math></p>	<p>1 bod</p> <p>2 boda</p>
<p>2. Djelomično korjenovati i pojednostavniti izraz:</p> <p>a) <math>3\sqrt{32} + 2\sqrt{50} - 15\sqrt{2}</math></p>	<p>b) <math>\sqrt[3]{\frac{xz^7}{16y^3}}</math></p>	<p>2 boda</p> <p>1 bod</p>
<p>3. Racionalizirati nazivnik u izrazu:</p> <p>a) <math>\frac{4}{\sqrt[3]{2}}</math></p>	<p>b) <math>\frac{2}{\sqrt{5} + \sqrt{3}}</math></p>	<p>2 boda</p> <p>2 boda</p>

