

05. (UEL) Racionalizando-se $\frac{10}{\sqrt{3}+2\sqrt{2}}$ obtém-se

$$\frac{10}{\sqrt{3}+2\sqrt{2}} = \frac{10}{3\sqrt{2}+2\sqrt{2}} = \frac{10}{5\sqrt{2}} = \frac{2}{\sqrt{2}} = \frac{2 \cdot \sqrt{2}}{\sqrt{2} \cdot \sqrt{2}} = \frac{2\sqrt{2}}{2} = \sqrt{2}$$

$R = A$

06. Assinale a correta:

$R = C$ I e III estão corretas

07. A soma $\sqrt{\frac{3}{4}} + \sqrt{\frac{4}{3}}$ é igual a:

$$\sqrt{\frac{3}{4}} + \sqrt{\frac{4}{3}} = \frac{1,73}{2} + \frac{2}{1,73} = \frac{\sqrt{3}}{2} + \frac{2}{\sqrt{3}} = \frac{3 + 4}{2\sqrt{3}} = \frac{7}{2\sqrt{3}}$$

$R = E$

$$\sqrt{3} \approx 1,73$$