

## Módulo 10 Tercero Medio

Racionalizar

$$a) \frac{1}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{1\sqrt{3}}{(\sqrt{3})^2} = \boxed{\frac{\sqrt{3}}{3}}$$

$$b) \frac{2}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{2\sqrt{2}}{(\sqrt{2})^2} = \frac{\cancel{2}\sqrt{2}}{\cancel{2}} = \boxed{\sqrt{2}}$$

$$c) \frac{2a}{\sqrt{2ax}} \cdot \frac{\sqrt{2ax}}{\sqrt{2ax}} = \frac{2a\sqrt{2ax}}{(\sqrt{2ax})^2} = \frac{2a\sqrt{2ax}}{2ax} = \boxed{\frac{\sqrt{2ax}}{x}}$$

$$d) \frac{2}{3\sqrt{4}} \cdot \frac{\sqrt{4}}{\sqrt{4}} = \frac{2\sqrt{4}}{3(\sqrt{4})^2} = \frac{\cancel{2}\sqrt{4}}{3 \cdot \cancel{4}_2} = \frac{2}{6} = \boxed{\frac{1}{3}}$$

$$\hookrightarrow \frac{\cancel{2}}{3 \cdot \cancel{2}} = \boxed{\frac{1}{3}}$$