

**1.6.16**

Simplify and divide the following radicals.

$$\frac{\sqrt{4}}{\sqrt{36}}$$

$$\frac{2}{6} - \left(\frac{1}{3}\right)$$

$$\frac{\sqrt{15}}{\sqrt{12}}$$

$$\frac{\sqrt{15}}{2\sqrt{3}} = \frac{\sqrt{5}}{2}$$

$$\sqrt{12} = \sqrt{4} \cdot \sqrt{3} \\ 2\sqrt{3}$$

$$\frac{\sqrt{15}}{\sqrt{12}} = \frac{\sqrt{15}}{\sqrt{3} \cdot \sqrt{4}} = \frac{\sqrt{15}}{\sqrt{3} \cdot 2} = \frac{\sqrt{5}}{2}$$