**1.20.16**

**Divide the following radicals and rationalize the denominator.**

$$\frac{\sqrt{7} \div 7}{\sqrt{84} \div 7} = \boxed{\frac{\sqrt{3}}{6}}$$

$$\frac{\sqrt{63} \div 9}{\sqrt{18} \div 9} \qquad \frac{\sqrt{7} \cdot \sqrt{2}}{\sqrt{2} \cdot \sqrt{2}}$$

$$\frac{\sqrt{1}}{\sqrt{12}}$$

$$\frac{1}{\sqrt{4} \cdot \sqrt{3}}$$

$$\frac{1}{2\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}}$$

$$\frac{\sqrt{3}}{2\sqrt{9} \cdot 3}$$

$$\sqrt{4}$$

$$\frac{\sqrt{14}}{\sqrt{4}}$$

$$\boxed{\frac{\sqrt{14}}{2}}$$