

Dividing Radicals

Simplify

$$\boxed{1} \quad \frac{4}{\sqrt{2} - 5\sqrt{3}}$$

$$\boxed{2} \quad \frac{4}{-2 + \sqrt{5}}$$

$$\boxed{3} \quad \frac{4 + 3\sqrt{2}}{-3 - \sqrt{5}}$$

$$\boxed{4} \quad \frac{\sqrt[3]{10}}{\sqrt[3]{32}}$$

$$\boxed{5} \quad \frac{\sqrt[3]{10}}{\sqrt[3]{625}}$$

$$\boxed{6} \quad \frac{\sqrt{5} + 3}{4 - \sqrt{5}}$$

$$\boxed{7} \quad \frac{\sqrt{15}}{5\sqrt{20}}$$

$$\boxed{8} \quad \frac{3\sqrt{20}}{2\sqrt{4}}$$

Dividing Radicals

Answers

$$\boxed{1} \quad \frac{4}{\sqrt{2} - 5\sqrt{3}}$$

$$\boxed{2} \quad \frac{4}{-2 + \sqrt{5}}$$

$$\frac{-4\sqrt{2} - 20\sqrt{3}}{73}$$

$$8 + 4\sqrt{5}$$

$$\boxed{3} \quad \frac{4 + 3\sqrt{2}}{-3 - \sqrt{5}}$$

$$\boxed{4} \quad \frac{\sqrt[3]{10}}{\sqrt[3]{32}}$$

$$\frac{-12 + 4\sqrt{5} - 9\sqrt{2} + 3\sqrt{10}}{4}$$

$$\frac{\sqrt[3]{20}}{4}$$

$$\boxed{5} \quad \frac{\sqrt[3]{10}}{\sqrt[3]{625}}$$

$$\boxed{6} \quad \frac{\sqrt{5} + 3}{4 - \sqrt{5}}$$

$$\frac{\sqrt[3]{2}}{5}$$

$$\frac{7\sqrt{5} + 17}{11}$$

$$\boxed{7} \quad \frac{\sqrt{15}}{5\sqrt{20}}$$

$$\boxed{8} \quad \frac{3\sqrt{20}}{2\sqrt{4}}$$

$$\frac{\sqrt{3}}{10}$$

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