

# Dividing Radical Expressions Worksheet

Simplify

$$\textcircled{1} \frac{\sqrt{15}}{5\sqrt{20}}$$

$$\textcircled{2} \frac{\sqrt{6}}{\sqrt{27}}$$

$$\textcircled{3} \frac{3\sqrt{20}}{2\sqrt{4}}$$

$$\textcircled{4} \frac{\sqrt{8}}{\sqrt{100}}$$

$$\textcircled{5} \frac{\sqrt{3x^2y^3}}{4\sqrt{5xy^3}}$$

$$\textcircled{6} \frac{\sqrt{4}}{5\sqrt{3}}$$

$$\textcircled{7} \frac{\sqrt{6}}{4\sqrt{8}}$$

$$\textcircled{8} \frac{\sqrt{3xy^2}}{\sqrt{25x^3y}}$$

# Dividing Radical Expressions Worksheet

## Answers

$$\textcircled{1} \frac{\sqrt{15}}{5\sqrt{20}}$$

$$\textcircled{2} \frac{\sqrt{6}}{\sqrt{27}}$$

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

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

$$\textcircled{3} \frac{3\sqrt{20}}{2\sqrt{4}}$$

$$\textcircled{4} \frac{\sqrt{8}}{\sqrt{100}}$$

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

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

$$\textcircled{5} \frac{\sqrt{3x^2y^3}}{4\sqrt{5xy^3}}$$

$$\textcircled{6} \frac{\sqrt{4}}{5\sqrt{3}}$$

$$\frac{\sqrt{15x}}{20}$$

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

$$\textcircled{7} \frac{\sqrt{6}}{4\sqrt{8}}$$

$$\textcircled{8} \frac{\sqrt{3xy^2}}{\sqrt{25x^3y}}$$

$$\frac{\sqrt{3}}{8}$$

$$\frac{\sqrt{3y}}{5x}$$