

## Dividing Radical Expressions

Simplify.

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

2)  $\frac{\sqrt{8}}{\sqrt{100}}$

3)  $\frac{\sqrt{6}}{\sqrt{27}}$

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

5)  $\frac{4}{\sqrt{5}}$

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

7)  $\frac{\sqrt{5}}{\sqrt{3}}$

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

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

10)  $\frac{\sqrt{15xy}}{3\sqrt{10xy^3}}$

11)  $\frac{3 - 3\sqrt{3a}}{4\sqrt{8a}}$

12)  $\frac{3n^2 + \sqrt{2n^2}}{\sqrt{10n}}$