

Dividing Radical

Name: _____

Date: _____

Simplify.

1) $\frac{\sqrt{12}}{\sqrt{3}}$

2) $\frac{\sqrt{75}}{5\sqrt{3}}$

3) $\frac{5\sqrt{5}}{4\sqrt{20}}$

4) $\frac{3\sqrt{3}}{\sqrt{12}}$

5) $\frac{5\sqrt{8}}{4\sqrt{18}}$

6) $\frac{\sqrt{6}}{4\sqrt{8}}$

7) $\frac{5\sqrt{2u^3v^2}}{\sqrt{18uv^4}}$

8) $\frac{3\sqrt{50x^3y^5}}{\sqrt{2xy}}$

9) $\frac{\sqrt{6k^2}}{3\sqrt{54k^6}}$

10) $\frac{2\sqrt{5xz^3}}{\sqrt{80x^3z}}$

11) $-\frac{2\sqrt{15x}}{\sqrt{3x^3}}$

12) $\frac{\sqrt{3xy^2}}{\sqrt{25x^3y}}$