

Reducing with Roots in denominator

Simplify.

1) $\frac{2\sqrt{20}}{\sqrt{25}}$

2) $\frac{\sqrt{20}}{5\sqrt{360}}$

3) $\frac{\sqrt{8}}{\sqrt{14}}$

4) $\frac{\sqrt{16}}{\sqrt{125}}$

5) $\frac{5\sqrt{6}}{\sqrt{50}}$

6) $\frac{\sqrt{20}}{4\sqrt{45}}$

7) $\frac{\sqrt{8}}{3\sqrt{16xy^4}}$

8) $\frac{\sqrt{8}}{4\sqrt{2}}$

9) $\frac{2\sqrt{8z^2}}{\sqrt{14x^4z^8}}$

10) $\frac{5\sqrt{4x^{10}y^{15}z^5}}{2\sqrt{16x^{11}y^{16}}}$

11) $\frac{\sqrt{20abc}}{2\sqrt{25a^6b^4c^7}}$

12) $\frac{\sqrt{20x^4}}{2\sqrt{4xy^5z^3}}$

13) $\frac{\sqrt{16y^6}}{\sqrt{25x^4}}$

14) $\frac{\sqrt{5}}{\sqrt{80xyz}}$