Rationalize the denominator and simplify. Assume all variables are positive.

1. $\frac{20}{\sqrt{2c}} \cdot \frac{\sqrt{2c}}{\sqrt{2c}} = \frac{20\sqrt{2c}}{2c} = \frac{10\sqrt{2c}}{c}$

2. $\frac{15}{\sqrt{6Q^3}} \cdot \frac{\sqrt{6Q}}{\sqrt{6Q}} = \sqrt{6^2Q^4}$

$= \frac{15\sqrt{6Q}}{6Q^2}$

$= \frac{5\sqrt{6Q}}{2Q^2}$

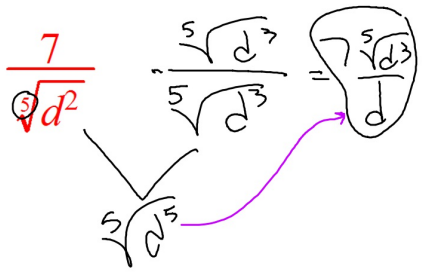
3. $\frac{8}{\sqrt{7w^{11}}} \cdot \frac{\sqrt{7w}}{\sqrt{7w}} = \frac{8\sqrt{7w}}{7w^6}$

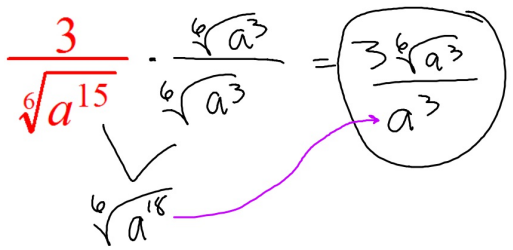
$\sqrt{7^2w^{12}}$

Rationalize the denominator and simplify. Assume all variables are positive.

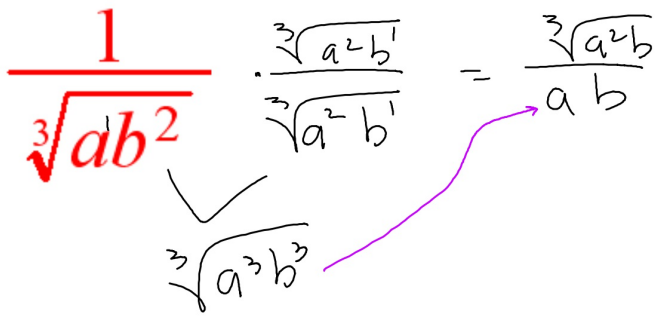
$\frac{1}{\sqrt[3]{p^1}} \cdot \frac{\sqrt[3]{p^2}}{\sqrt[3]{p^2}} = \frac{\sqrt[3]{p^2}}{p}$

$\sqrt[3]{p^3}$





Rationalize the denominator and simplify. Assume all variables are positive.

1. 

Rationalize the denominator and simplify. Assume all variables are positive.

2.