

Rationalizing the Denominator

To rationalize the denominator, multiply top and bottom by the radical

When multiplying a radical by itself, the radical cancels out

Rationalize the following denominators

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

2. $\frac{-7}{\sqrt{11}}$

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

4. $\frac{6}{\sqrt{3}}$

5. $\frac{4}{\sqrt{6}}$

6. $\frac{-5}{\sqrt{10}}$