

Quiz 67

Simplify. Rationalize all denominators. Assume that all variables are positive.

1. $\sqrt{2} \cdot \sqrt{6}$

2. $\sqrt{8x} \cdot \sqrt{5x}$

3. $\sqrt{3x^3y} \cdot \sqrt{12xy}$

4. $\frac{3}{\sqrt{7}}$

5. $\frac{\sqrt{54x^3}}{\sqrt{2x}}$