

10-2 Simplifying Radicals

Simplify each radical expression.

1. $5\sqrt{700}$

2. $\sqrt{8x} \cdot \sqrt{24x^3}$

3. $-5\sqrt{21} \cdot (-3\sqrt{14})$

4. $\frac{1}{\sqrt{6}}$

5. $\frac{2\sqrt{3}}{\sqrt{5}}$