

Answer Key

Practice C

- $5 \cdot 3^{3/4}$
- $2^{13/24}$
- $5^{4/15}$
- $6^{1/10}$
- $\frac{1}{8}$
- ${}^{24}\sqrt{2}$
- $\sqrt{2}$
- 4
- $\frac{1}{\sqrt{10}} = \frac{\sqrt{10}}{10}$
- $\frac{x^{1/4}}{y^{1/3}}$
- $\frac{9y^{1/3}z^2}{4x^{3/2}}$
- $\frac{2z^{1/8}}{x^{1/3}y^{5/4}}$
- $3x^{1/2}$
- $4x^4$
- ${}^4\sqrt{x}$
- ${}^4\sqrt{6}$
- $5x^2 {}^3\sqrt{y^2z}$
- ${}^{10}\sqrt{x}$
- $\frac{2 {}^3\sqrt{y^2}}{y}$
- $- {}^5\sqrt{y}$
- $-15x^2y\sqrt{y}$
- 2.7×10^{12} meters
- 5.3×10^{12} meters