

Conversion Practice

k h da BU d c m

1. 123.4 km = _____ dm

2. 45.34 mL = _____ dL

3. 125 m = _____ cm

4. 451 dL = _____ kL

5. 3.6 miles = _____ feet

6. 5 months (assume 30 days / month) = _____ minutes (**HARDER**)

Conversion Practice

Answers:

1. 123.4 km = _____ dm

$$\frac{123.4 \text{ km}}{1 \text{ km}} \times 10000 \text{ dm} = \mathbf{1234000 \text{ dm}}$$

2. 45.34 mL = _____ dL

$$\frac{45.34 \text{ mL}}{100 \text{ mL}} \times 1 \text{ dL} = \mathbf{0.4534 \text{ dL}}$$

3. 125 m = _____ cm

$$\frac{125 \text{ m}}{1 \text{ m}} \times 100 \text{ cm} = \mathbf{12500 \text{ cm}}$$

4. 451 dL = _____ KL

$$\frac{451 \text{ dL}}{10000 \text{ dL}} \times 1 \text{ KL} = \mathbf{0.0451 \text{ KL}}$$

5. 3.6 miles = _____ feet

$$\frac{3.6 \text{ miles}}{1 \text{ mile}} \times 5280 \text{ feet} = \mathbf{19008 \text{ feet}}$$

6. 5 months (assume 30 days / month) = _____ minute

$$\frac{5 \text{ months}}{1 \text{ month}} \times \frac{30 \text{ days}}{1 \text{ day}} \times \frac{24 \text{ hours}}{1 \text{ hour}} \times 60 \text{ minutes} = \mathbf{216000 \text{ minutes}}$$