

Conversions

• factor-label method

1. 24 miles = _____ Km

$$24 \text{ mi} \times \frac{1.6093 \text{ Km}}{1 \text{ mi}} = 38.6 \text{ Km}$$

2. 15 Km = _____ mi

_____ mi = 15 Km

$$15 \text{ Km} \times \frac{1 \text{ mi}}{1.6093 \text{ Km}} = 9.3 \text{ mi}$$

3. 5 m = _____ yd

$$5 \text{ m} \times \frac{1.0936 \text{ yd}}{1 \text{ m}} = 5.5 \text{ yd}$$

solutions

1.	35.4	Km
2.	11.0	m
3.	16.1	Km

4. _____ cm = 24 in

$$24 \text{ in} \times \frac{2.54 \text{ cm}}{1 \text{ in}} = 61.0 \text{ cm}$$

Homework: 20 Question Worksheet