

Answers

Activity 1

- $14 \text{ km} = 14 \times 1\,000$
 $= \mathbf{14\,000 \text{ m}}$
- $150 \text{ cm} = 150 \div 100$
 $= \mathbf{1,5 \text{ m}}$
- $12,5 \text{ km} = 12,5 \times 100\,000$
 $= \mathbf{1\,250\,000 \text{ cm}}$
- $180 \text{ cm} = 180 \div 100\,000$
 $= \mathbf{0,0018 \text{ km}}$
- $48 \text{ cm} = 48 \times 10$
 $= \mathbf{480 \text{ mm}}$
- $9\,876 \text{ mm} = 9\,876 \div 1\,000$
 $= \mathbf{9,876 \text{ m}}$
- $1\,250 \text{ L} = 1\,250 \times 1\,000$
 $= \mathbf{1\,250\,000 \text{ ml}}$
- $8\,560 \text{ L} = 8\,560 \div 1\,000$
a. $= \mathbf{8,56 \text{ kl}}$
- $12 \text{ kl} = 12 \times 100\,000$
 $= \mathbf{12\,000\,000 \text{ ml}}$
- $850 \text{ g} = 850 \div 1\,000$
 $= \mathbf{0,85 \text{ kg}}$

Activity 2

- $4,5 \text{ miles} = 4,5 \times 1,6093$
 $= \mathbf{7,24185 \text{ km}}$
- $16 \text{ cm} = 16 \times 0,3937$
 $= \mathbf{6,2992 \text{ in}}$
- $185 \text{ in} = 185 \times 2,54$
 $= \mathbf{469,9 \text{ cm}}$
- $1 \text{ mile} = 1,6093 \text{ km}$
 $1,6093 \text{ km} = 160\,930 \text{ cm}$
 $160\,930 \times 0,3937 = \mathbf{63\,358,141 \text{ in}}$
- $15 \text{ m} = 15 \times 3,2808$
 $= \mathbf{49,212 \text{ ft}}$
- $12 \text{ pounds} = 12 \times 0,4536$
 $= 5,4432 \text{ kg}$
 $5,4432 \times 1\,000 = \mathbf{5\,443,2 \text{ g}}$

7. $18 \text{ ft} = 18 \times 0,3048$
 $= 5,4864 \text{ m}$
 $= \mathbf{548,64 \text{ cm}}$
8. $65 \text{ kg} = 65 \times 2,205$
 $= \mathbf{143,325 \text{ pounds}}$
9. $1 \text{ km} = 1\,000 \text{ m}$
 $1\,000 \times 3,2808 = \mathbf{3\,280,8 \text{ ft}}$
10. $12 \text{ miles} = 12 \times 1,6093$
 $= 19,3116 \text{ km}$
 $19,3116 \times 100\,000 = \mathbf{1\,931\,160 \text{ cm}}$

Activity 3

- $850 + (7 \times 100) = 1\,550$ Singapore Dollars
 $1\,550 \times 9,712807 = \text{R}15\,054.85$
 $15\,054.85 + 14\,800 = \mathbf{\text{R}29\,854.85}$ she needs to save
- $845 \times 10,015311 = \mathbf{\text{R}8\,462.94}$
- $750 \times 13,097338 = \text{R}9\,823,0035$
 $9\,823,0035 \times 8,598313 = \mathbf{84\,461.26}$ Japanese Yen
- British Pound
- Japanese Yen and Indian Rupee
- Britain – The British Pound is the strongest currency against the Rand.