

Handout**2 – 7**
Section 2.7

Supplementary Activities

Units of Measure for Length

1. Convert these measurements.

a) $76 \text{ dm} = \underline{\hspace{2cm}} \text{ m}$ b) $67 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

c) $132 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ d) $4.5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

e) $950 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ f) $465 \text{ mm} = \underline{\hspace{2cm}} \text{ dm}$

g) $78 \text{ dm} = \underline{\hspace{2cm}} \text{ mm}$ h) $25 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

2. In the schoolyard, the monkey bars cast a 125-cm-long shadow. If the shadow cast by the school building is 40 times longer, how many metres long is the school's shadow?

My Calculation

3. Complete these equations.

a) $45 \text{ cm} + 32 \text{ dm} + 3 \text{ m} = \underline{\hspace{2cm}} \text{ dm}$

b) $93 \text{ m} + 5 \text{ km} + 600 \text{ dm} = \underline{\hspace{2cm}} \text{ m}$

c) $73 \text{ dm} + 68 \text{ mm} + 586 \text{ cm} = \underline{\hspace{2cm}} \text{ dm}$

d) $38 \text{ m} + 754 \text{ dm} + 71 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

My Calculations

4. The city's community garden measures 255 dm by 135 dm. Ian sets up panels that are 3 m wide all around the garden. How many panels are needed to enclose the garden?

My Calculation
