

2.

	mm	cm
a.	80	8cm
b.	119	11cm 9mm
c.	40	4cm
d.	93	9cm 3mm

3. 40 mm; 80 mm; 93 mm; 119 mm

4.

	mm	cm and mm	Round to nearest cm
a.	231 mm	23 cm 1mm	23 cm
b.	147 mm	14 cm 7 mm	15 cm
c.	529 mm	52 cm 9 mm	53 cm
d.	113 mm	11 cm 3 mm	11 cm
e.	122 mm	12 cm 2 mm	12 cm
f.	418 mm	41 cm 8 mm	42 cm
g.	54 mm	5 cm 4 mm	5 cm
h.	222 mm	22 cm 2 mm	22 cm
i.	214 mm	21 cm 4 mm	21 cm

Activity 2

Measuring in metres (m) and centimetres (cm)

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Pair

- Answers will vary. Examples:
 4 objects that measure less than 1 m: chalkboard duster, pencil, eraser; book
 2 objects that measure about 1 m: height of desk; width of 1 panel of chalkboard
 4 objects that measure more than 1 m: height of ceiling; height of door; width of classroom; length of teacher's desk
 - Practical work: answers will vary.
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Activity 3

Kilometres (km)

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Individual

1.

	m	km and m	Round to nearest km
a.	23 671 m	23 km 671 m	24 km
b.	34 157 m	34 km 157 m	34 km
c.	5 829 m	5 km 829 m	6 km
d.	17 213 m	17 km 213 m	17 km
e.	42 072 m	42 km 72 m	42 km
f.	24 478 m	24 km 478 m	24 km
g.	67 029 m	67 km 29 m	67 km
h.	5 782 m	5 km 782 m	6 km

- a. Port Elizabeth to Durban = 677 km Durban to Bloemfontein = 634 km
 Johannesburg to Cape Town = 1 402 km East London to Durban = 674 km
- b. Port Elizabeth and East London
- c. $769 \text{ km} + 677 \text{ km} + 588 \text{ km} + 1402 \text{ km} = 3\,436 \text{ km}$
 He will fill up 6 times (he will not use all of the last tank). ($3\,436 \div 600 = 5,726 \rightarrow 6$)
 He spent 34 hours and about 22 minutes driving. ($3\,436 \div 100 = 34,36$)

Activity 4

Length estimates

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Pair

1. a. 4 m b. 15 cm c. 10 m d. 130 cm e. 25 mm f. 2 m

Activity 5

Problem Solving

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Pair

1. 16,5 m 2. 15 m 20 cm 3. 188 paces 4. 55 km
 5. 1 km 600 m 6. 160 m 7. 0 m 15 cm