



Skills practice A

- 1** **a** 50.3 cm^2
b 254.5 cm^2
c 201.1 mm^2
d 113.1 cm^2
- 2** **a** 38.5 cm^2
b 95.0 m^2
c 346.4 cm^2
d 0.5 m^2
- 3** **a** 314.2 cm^2
b 78.5 cm^2
c 21.2 m^2
d 3.14 km^2
e 706.9 square feet

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Radius	Diameter	Area (to 2.d.p.)
4 cm	8 cm	50.24 cm^2
6 cm	12 cm	113.04 cm^2
2 cm	4 cm	12.56 m^2
9 inches	18 inches	254.34 square inches
20 cm	40 cm	1256.00 cm^2
2.7 cm	5.4 cm	22.89 cm^2
17 mm	34 mm	907.46 mm^2

- 5** **a** Area = 50.3 square feet, perimeter = 28.6 feet
b Area = 76.97 cm^2 , perimeter = 36.0 cm
c Area = 88.3 km^2 , perimeter = 38.8 km
- 6** **a** 100
b 314.2 cm^2
- 7** 78.5 cm^2
- 8** Radius = 12 m, area = 452.4 m^2
- 9** 100.5 cm^2