

Answers

Developing

- 1a. B
2a. Diameter – 12 cm, Radius – 6 cm
3a. 16m and 8m, 8m and 4m, 4m and 2m,
14m and 7m
4a. Radius – 2cm, Diameter – 4cm

Expected

- 5a. B
6a. Diameter – 54 mm, Radius – 27mm
7a. 91m and 45.5m, 87m and 43.5m, 63m
and 31.5m, 75m and 37.5m
8a. Radius – 2.5cm, Diameter – 5cm

Greater Depth

- 9a. B
10a. Diameter – 7.5m, Radius – 375 cm
11a. 5m and 250cm, 13.5cm and 675mm,
94mm and 4.7cm, 17m and 850cm
12a. Radius – 2.25cm, Diameter – 4.5cm

Teaching Note: For questions 4, 8 and 12,
measurements are dependant upon
printer settings.

Developing

- 1b. A
2b. Diameter – 10mm, Radius – 5mm
3b. 3m and 6m, 1 m and 2m, 12m and
24m, 9m and 18m
4b. Radius – 1 cm, Diameter – 2cm

Expected

- 5b. A
6b. Diameter – 19cm, Radius – 9.5 cm
7b. 49.5m and 99m, 53.5m and 107m,
25.5m and 51m, 41.5m and 83m
8b. Radius – 1.5 cm, Diameter – 3cm

Greater Depth

- 9b. A
10b. Radius – 450mm, Diameter – 0.9 m
11b. 35 cm and 700mm, 415mm and
83cm, 0.75m and 150cm, 19.5cm and
0.39m
12b. Radius – 1.75cm, Diameter – 3cm