

Answers

Testing Time 11.1

2. Infinite
5. (a) 6 cm (b) 9 cm (c) 14.2 cm (d) 19.2 cm
6. (a) 2 cm (b) 3.1 cm (c) 4.2 cm (d) 7.4 cm
7. (a) 9 cm (approx) (b) 15 cm (approx) (c) 19.5 cm (approx.) (d) 37 cm (approx.)
8. (a) T (b) F (c) T (d) T

Testing Time 11.2

1. (a) 32 cm (b) 41 cm (c) 39.6 m (d) 116.4 m
2. (a) 24 cm (b) 38 cm (c) 78 m (d) 101.6 dm
3. (a) 9 cm (b) 13 cm (c) 14 dm (d) 15 m
4. (a) 11 dm (b) 15.5 cm (c) 25.25 cm (d) 24.25 m
5. (a) 154 m 6. 144.8 dam 7. 73 m 8. 80.5 cm

Testing Time 11.3

Do Yourself

Testing Time 11.4

1. (a) 40 cm^2 (b) 77 dm^2 (c) 45 m^2 (d) 99.63 m^2 (e) 1863 cm^2 (f) 353.856 cm^2
2. (a) 64 dm^2 (b) 169 cm^2 (c) 676 cm^2 (d) 151.29 m^2 (e) 635.5441 m^2
3. 1247 m^2 4. 6889 m^2 5. 6901 m^2 , Rs 1725.25 6. 21 dm, 273 dm^2
7. 529 cm^2 8. The area of the square is 4.23 m^2 more than that of the rectangle.

Testing Time 11.5

1. (a) 96 cm^3 (b) 540 cm^3 (c) 28 m^3 (d) 318.5 dm^3 (e) 149.04 dm^3 (f) 6692.4 m^3
2. (a) 64 dm^3 (b) 343 cm^3 (c) 1728 m^3 (d) 8000 cm^3 (e) 250.047 cm^3 (f) 132.651 m^3
(g) 830.584 dm^3 (h) 421.875 m^3
3. 297.5 cm^3 4. 658.503 m^3
5. 765.7 dm^3 6. 546000 cm^3
7. 6 8. Volume of cube is more than volume of cuboid by 37.688 cm^3 .

