

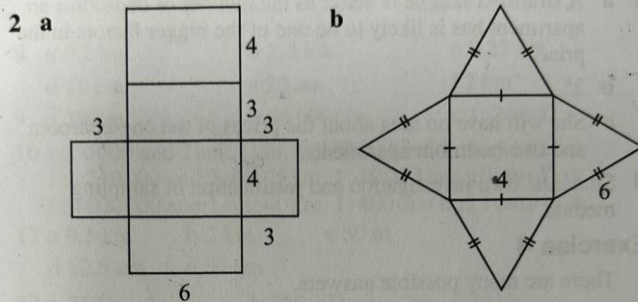
Answer Key Chapter 5

Student book

Chapter 5

Check In

1 a roughly 5 cm^2 b roughly 2 cm^2 c 300 cm^2



Exercise 5A

1 She is not correct. She has worked out radius $\times \pi$ not diameter $\times \pi$. The correct answer is 31.4 cm .

2 a 6.28 cm b 31.4 cm c 37.68 cm d 65.94 cm

3 a 31.4 cm b 50.24 cm c 81.64 cm d 244.92 cm

4 47.1 m

5 219.8 cm

6 942 000 000 km

7 a 7.3 cm b 14.6 m c 3.8 mm

8 a 2.4 cm b 66.9 mm c 3.0 m

9 a 62.8 cm b 62.8 cm c 62.9 cm d 62.8 cm

10 a 62.80 cm b 62.84 cm c 62.86 cm d 62.83 cm

11 a 3.14 b 3.142

12 a 37.68 cm b 0.628 cm

13 40 seconds

14 40 035 km

15 a 35.98 cm b 31.99 cm c 93.97 cm d 14.85 cm
e 28.56 cm

16 419.8 m

17 a 35 cm (to nearest cm) b 308 cm (to nearest cm)

Exercise 5B

1 a 20 cm^2 b 24 cm^2 c 220 cm^2 d 112 cm^2

2 a 73.8 cm^2 b 99.96 cm^2

3 5.78 cm^2

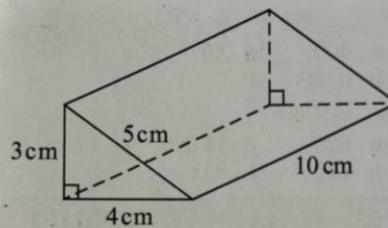
4 a 28 cm^2 b 9 cm c 8 cm d 7.36 cm^2
e 3.7 cm

5 a 8.7 cm b 4.2 cm c 12.5 cm

Exercise 5

1 a 25.12 cm b 18.84 cm

2 a



b 60 cm^3

3 a 40 cm^2 b 39 cm^2 c 28 cm^2 d 22.4 cm^2

4 a 20 miles b 16 km c 75 miles d 192 km

5 a 252 cm^2 b 308.4 cm^2

6 4125 cm^2

7 a 517.5 m^3 b 432.5 m^2

8 18 mm^2

Check Out

1 a 31.4 cm b 37.68 cm

2 a 28 cm^2 b 45.5 cm^2

3 a 11 cm^2 b 10.65 cm^2

4 135 cm^3

5 1176 cm^2

6 a 15 miles b 48 km c 55 miles d 40 km

Answer Key Chapter 5

Homework book

5A

- 1 a 9.42 cm b 22.0 cm c 47.1 cm d 87.9 cm
2 a 37.7 cm b 56.5 cm c 87.9 cm d 195 cm
3 a 21.4 cm b 51.4 cm c 26.8 cm d 84.0 cm
e 52.0 cm f 31.4 cm
4 25.5 cm
5 19.1 cm

5B-5D

- 1 a 72cm^2 b 57.4cm^2
2 a 22.5cm^2 b 18cm^2
3 166.5cm^2
4 8 cm
5 a 96cm^2 b 66cm^2