

Solid figures - cylinders

Find the surface area of each cylinder.

- 1) A cylinder with a radius of 7 in and a height of 5 in.
- 2) A cylinder with a diameter of 18 mi and a height of 7 mi.
- 3) A cylinder with a radius of 5 in and a height of 7 in.
- 4) A cylinder with a diameter of 8 mi and a height of 3 mi.
- 5) A cylinder with a radius of 3 km and a height of 6 km.
- 6) A cylinder with a diameter of 12 yd and a height of 3 yd.

7) A cylinder with a radius of 7 km and a height of 9 km.

8) A cylinder with a radius of 4 yd and a height of 8 yd.

9) A cylinder with a diameter of 2 m and a height of 3 m.

10) A cylinder with a radius of 6 ft and a height of 10 ft.

11) A cylinder with a radius of 4 m and a height of 2 m.

12) A cylinder with a diameter of 6 ft and a height of 4 ft.

13) A cylinder with a diameter of 4 cm and a height of 6 cm.

14) A cylinder with a radius of 10 cm and a height of 8 cm.

15) A cylinder with a radius of 7 ft and a height of 8 ft.

16) A cylinder with a diameter of 16 in and a height of 10 in.

17) A cylinder with a radius of 2 mi and a height of 4 mi.

18) A cylinder with a diameter of 4 in and a height of 9 in.

19) A cylinder with a radius of 10 mi and a height of 6 mi.

20) A cylinder with a radius of 6 km and a height of 4 km.

21) A cylinder with a radius of 9 yd and a height of 5 yd.

22) A cylinder with a diameter of 8 m and a height of 6 m.

23) A cylinder with a radius of 9 m and a height of 10 m.

24) A cylinder with a diameter of 6 ft and a height of 8 ft.

25) A cylinder with a diameter of 4 cm and a height of 7 cm.

26) A cylinder with a radius of 7 in and a height of 7 in.

27) A cylinder with a radius of 10 mi and a height of 9 mi.

28) A cylinder with a radius of 8 km and a height of 5 km.

29) A cylinder with a radius of 10 yd and a height of 10 yd.

30) A cylinder with a diameter of 4 km and a height of 10 km.

Answers to Solid figures - cylinders

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| 1) 527.8 in ² | 2) 904.8 mi ² | 3) 377 in ² | 4) 175.9 mi ² |
| 5) 169.6 km ² | 6) 339.3 yd ² | 7) 703.7 km ² | 8) 301.6 yd ² |
| 9) 25.1 m ² | 10) 603.2 ft ² | 11) 150.8 m ² | 12) 131.9 ft ² |
| 13) 100.5 cm ² | 14) 1131 cm ² | 15) 659.7 ft ² | 16) 904.8 in ² |
| 17) 75.4 mi ² | 18) 138.2 in ² | 19) 1005.3 mi ² | 20) 377 km ² |
| 21) 791.7 yd ² | 22) 251.3 m ² | 23) 1074.4 m ² | 24) 207.3 ft ² |
| 25) 113.1 cm ² | 26) 615.8 in ² | 27) 1193.8 mi ² | 28) 653.5 km ² |
| 29) 1256.6 yd ² | 30) 150.8 km ² | | |