

Solid figures - cones

Calculate the volume of each cone.

- 1) A cone with radius 9 yd and a height of 18 yd.
- 2) A cone with diameter 2 km and a height of 3 km.
- 3) A cone with radius 8 yd and a height of 16 yd.
- 4) A cone with radius 10 m and a height of 20 m.
- 5) A cone with diameter 8 ft and a height of 8 ft.
- 6) A cone with diameter 2 ft and a height of 6 ft.

7) A cone with radius 7 cm and a height of 14 cm.

8) A cone with diameter 12 mi and a height of 12 mi.

9) A cone with diameter 4 mi and a height of 9 mi.

10) A cone with diameter 2 km and a height of 7 km.

11) A cone with diameter 2 km and a height of 9 km.

12) A cone with diameter 6 yd and a height of 6 yd.

13) A cone with diameter 2 m and a height of 10 m.

14) A cone with diameter 4 ft and a height of 7 ft.

15) A cone with diameter 2 mi and a height of 2 mi.

16) A cone with radius 2 km and a height of 5 km.

17) A cone with radius 2 ft and a height of 4 ft.

18) A cone with diameter 10 m and a height of 10 m.

19) A cone with radius 4 ft and a height of 10 ft.

20) A cone with radius 3 in and a height of 7 in.

21) A cone with radius 1 cm and a height of 8 cm.

22) A cone with radius 1 yd and a height of 4 yd.

23) A cone with radius 2 in and a height of 8 in.

24) A cone with diameter 8 m and a height of 9 m.

25) A cone with radius 1 mi and a height of 5 mi.

26) A cone with diameter 6 in and a height of 10 in.

27) A cone with radius 2 mi and a height of 6 mi.

28) A cone with diameter 6 km and a height of 8 km.

29) A cone with diameter 4 in and a height of 10 in.

30) A cone with radius 3 yd and a height of 9 yd.

Answers to Solid figures - cones

1) 1526.8 yd³

5) 134 ft³

9) 37.7 mi³

13) 10.5 m³

17) 16.8 ft³

21) 8.4 cm³

25) 5.2 mi³

29) 41.9 in³

2) 3.1 km³

6) 6.3 ft³

10) 7.3 km³

14) 29.3 ft³

18) 261.8 m³

22) 4.2 yd³

26) 94.2 in³

30) 84.8 yd³

3) 1072.3 yd³

7) 718.4 cm³

11) 9.4 km³

15) 2.1 mi³

19) 167.6 ft³

23) 33.5 in³

27) 25.1 mi³

4) 2094.4 m³

8) 452.4 mi³

12) 56.5 yd³

16) 20.9 km³

20) 66 in³

24) 150.8 m³

28) 75.4 km³