

Solid figures - pyramids

Determine the volume of each pyramid.

- 1) A square pyramid measuring 6 m along each edge of the base with a height of 9 m.
- 2) A square pyramid measuring 5 m along each edge of the base with a height of 6 m.

- 3) A square pyramid measuring 7 yd along each edge of the base with a height of 10 yd.
- 4) A square pyramid measuring 10 ft along each edge of the base with a height of 8 ft.

- 5) A square pyramid measuring 10 cm along each edge of the base with a height of 10 cm.
- 6) A square pyramid measuring 7 in along each edge of the base with a height of 8 in.

7) A square pyramid measuring 8 cm along each edge of the base with a height of 10 cm.

8) A square pyramid measuring 4 in along each edge of the base with a height of 3 in.

9) A square pyramid measuring 10 m along each edge of the base with a height of 9 m.

10) A square pyramid measuring 1 km along each edge of the base with a height of 1 km.

11) A square pyramid measuring 9 mi along each edge of the base with a height of 9 mi.

12) A square pyramid measuring 2 yd along each edge of the base with a height of 3 yd.

13) A square pyramid measuring 9 m along each edge of the base with a height of 8 m.

14) A square pyramid measuring 5 km along each edge of the base with a height of 5 km.

15) A square pyramid measuring 9 ft along each edge of the base with a height of 6 ft.

16) A square pyramid measuring 3 cm along each edge of the base with a height of 5 cm.

17) A square pyramid measuring 5 in along each edge of the base with a height of 7 in.

18) A square pyramid measuring 5 mi along each edge of the base with a height of 8 mi.

19) A square pyramid measuring 4 in along each edge of the base with a height of 5 in.

20) A square pyramid measuring 6 km along each edge of the base with a height of 6 km.

21) A square pyramid measuring 1 yd along each edge of the base with a height of 2 yd.

22) A square pyramid measuring 8 yd along each edge of the base with a height of 7 yd.

23) A square pyramid measuring 6 m along each edge of the base with a height of 10 m.

24) A square pyramid measuring 8 ft along each edge of the base with a height of 9 ft.

25) A square pyramid measuring 9 cm along each edge of the base with a height of 7 cm.

26) A square pyramid measuring 5 ft along each edge of the base with a height of 9 ft.

27) A square pyramid measuring 3 in along each edge of the base with a height of 6 in.

28) A square pyramid measuring 4 in along each edge of the base with a height of 7 in.

29) A square pyramid measuring 3 mi along each edge of the base with a height of 2 mi.

30) A square pyramid measuring 2 km along each edge of the base with a height of 4 km.

Answers to Solid figures - pyramids

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|--------------------------|---------------------------|--------------------------|--------------------------|
| 1) 108 m ³ | 2) 50 m ³ | 3) 163.3 yd ³ | 4) 266.7 ft ³ |
| 5) 333.3 cm ³ | 6) 130.7 in ³ | 7) 213.3 cm ³ | 8) 16 in ³ |
| 9) 300 m ³ | 10) 0.3 km ³ | 11) 243 mi ³ | 12) 4 yd ³ |
| 13) 216 m ³ | 14) 41.7 km ³ | 15) 162 ft ³ | 16) 15 cm ³ |
| 17) 58.3 in ³ | 18) 66.7 mi ³ | 19) 26.7 in ³ | 20) 72 km ³ |
| 21) 0.7 yd ³ | 22) 149.3 yd ³ | 23) 120 m ³ | 24) 192 ft ³ |
| 25) 189 cm ³ | 26) 75 ft ³ | 27) 18 in ³ | 28) 37.3 in ³ |
| 29) 6 mi ³ | 30) 5.3 km ³ | | |