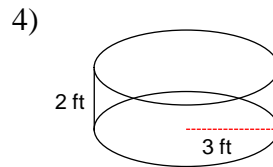
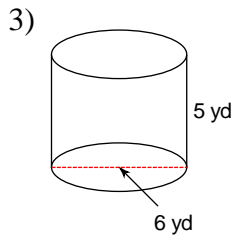
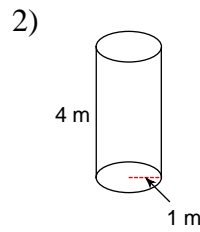
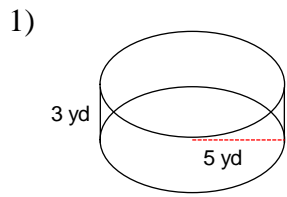


Steve Blades Worksheet

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Find the volume of each figure. Round to the nearest tenth.



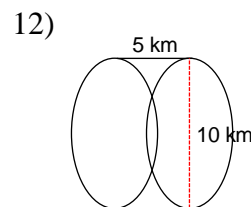
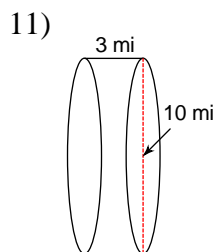
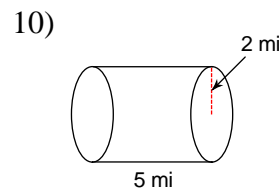
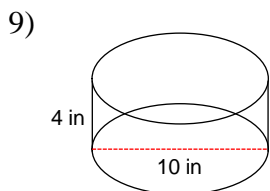
5) A cylinder with a diameter of 10 ft and a height of 4 ft.

6) A cylinder with a radius of 1 cm and a height of 4 cm.

7) A cylinder with a diameter of 4 in and a height of 1 in.

8) A cylinder with a diameter of 2 cm and a height of 3 cm.

Find the surface area of each figure. Round to the nearest tenth.



13) A cylinder with a diameter of 4 yd and a height of 5 yd.

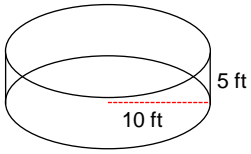
14) A cylinder with a diameter of 2 m and a height of 4 m.

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

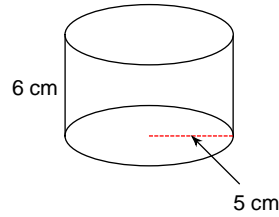
16) A cylinder with a diameter of 2 yd and a height of 2 yd.

Find the volume of each figure. Round to the nearest tenth.

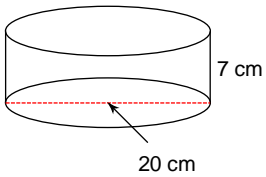
17)



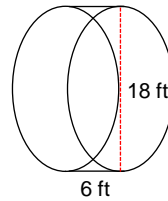
18)



19)



20)



21) A cylinder with a diameter of 16 in and a height of 7 in.

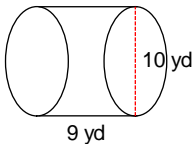
22) A cylinder with a diameter of 4 mi and a height of 9 mi.

23) A cylinder with a diameter of 12 km and a height of 3 km.

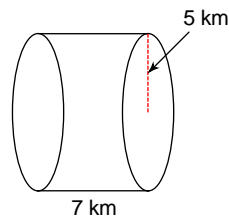
24) A cylinder with a radius of 7 mi and a height of 6 mi.

Find the surface area of each figure. Round to the nearest tenth.

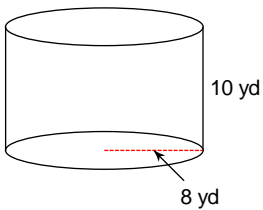
25)



26)



27)



28) A cylinder with a diameter of 6 m and a height of 10 m.

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

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

Answers to Steve Blades Worksheet

- | | | | |
|----------------------------|---------------------------|----------------------------|----------------------------|
| 1) 235.6 yd ³ | 2) 12.6 m ³ | 3) 141.4 yd ³ | 4) 56.5 ft ³ |
| 5) 314.2 ft ³ | 6) 12.6 cm ³ | 7) 12.6 in ³ | 8) 9.4 cm ³ |
| 9) 282.7 in ² | 10) 88 mi ² | 11) 251.3 mi ² | 12) 314.2 km ² |
| 13) 88 yd ² | 14) 31.4 m ² | 15) 150.8 m ² | 16) 18.8 yd ² |
| 17) 1570.8 ft ³ | 18) 471.2 cm ³ | 19) 2199.1 cm ³ | 20) 1526.8 ft ³ |
| 21) 1407.4 in ³ | 22) 113.1 mi ³ | 23) 339.3 km ³ | 24) 923.6 mi ³ |
| 25) 439.8 yd ² | 26) 377 km ² | 27) 904.8 yd ² | 28) 245 m ² |
| 29) 207.3 ft ² | 30) 904.8 m ² | | |