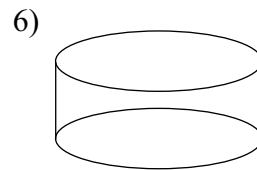
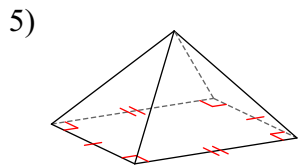
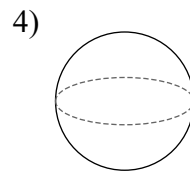
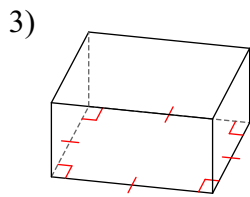
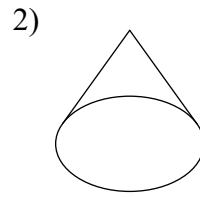
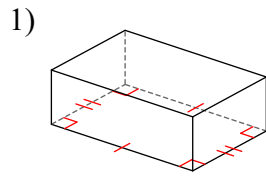
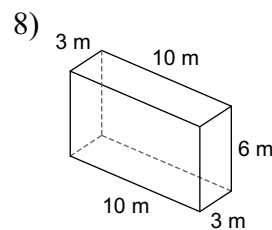
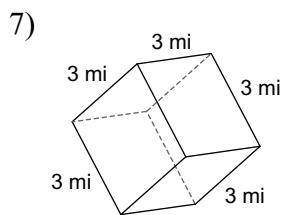


Topic 6: Solid Figures - Volumes & Surface Areas

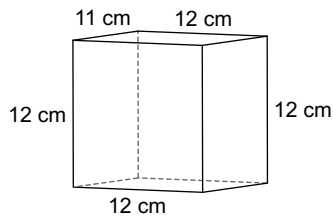
Name each figure.



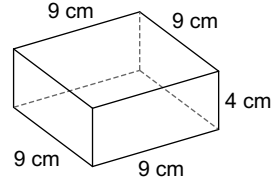
Find the volume of each figure. Round to the nearest tenth.



9)



10)

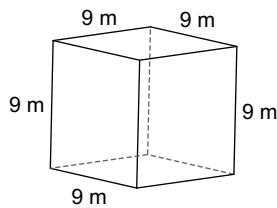


11) A square prism measuring 4 in along each edge of the base and 10 in tall.

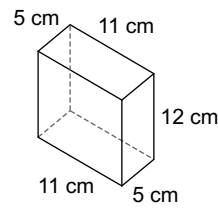
12) A rectangular prism measuring 10 in and 8 in along the base and 8 in tall.

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

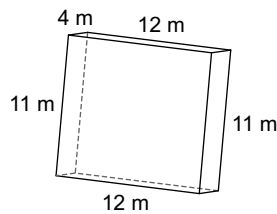
13)



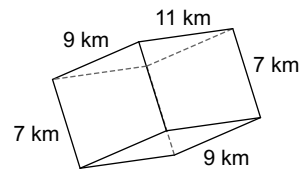
14)



15)



16)



17) A square prism measuring 12 km along each edge of the base and 5 km tall.

18) A rectangular prism measuring 8 yd and 7 yd along the base and 11 yd tall.

Answers to Topic 6: Solid Figures - Volumes & Surface Areas (ID: 1)

- | | | | |
|------------------------|------------------------|------------------------|------------------------|
| 1) rectangular prism | 2) cone | 3) square prism | 4) sphere |
| 5) rectangular pyramid | 6) cylinder | 7) 27 mi^3 | 8) 180 m^3 |
| 9) 1584 cm^3 | 10) 324 cm^3 | 11) 160 in^3 | 12) 640 in^3 |
| 13) 486 m^2 | 14) 494 cm^2 | 15) 448 m^2 | 16) 478 km^2 |
| 17) 528 km^2 | 18) 442 yd^2 | | |