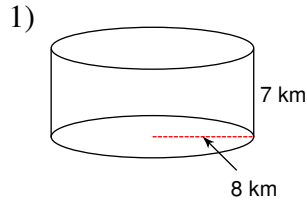
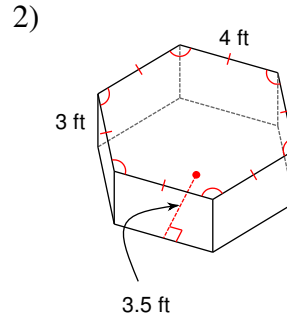


Volume of Prisms and Cylinders

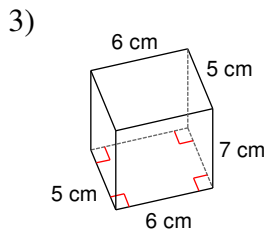
Find the volume of each figure. Round your answers to the nearest tenth, if necessary.



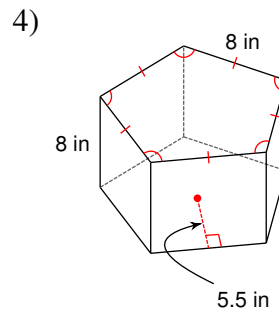
1407.4 km^3



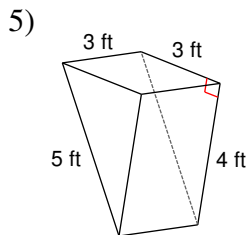
126 ft^3



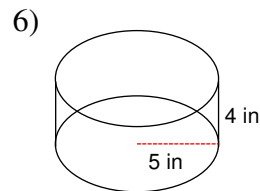
210 cm^3



880 in^3

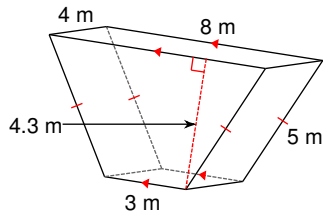


18 ft^3



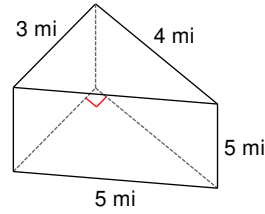
314.2 in^3

7)



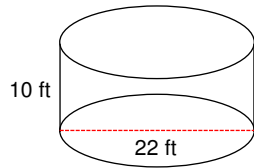
$$94.6 \text{ m}^3$$

8)



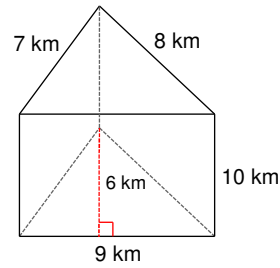
$$30 \text{ mi}^3$$

9)



$$3801.3 \text{ ft}^3$$

10)



$$270 \text{ km}^3$$

11) A cylinder with a radius of 4 yd and a height of 5 yd.

$$251.3 \text{ yd}^3$$

12) A square prism measuring 6 km along each edge of the base and 5 km tall.

$$180 \text{ km}^3$$

13) A hexagonal prism 5 yd tall with a regular base measuring 5 yd on each edge and an apothem of length 4.3 yd.

$$322.5 \text{ yd}^3$$

14) A trapezoidal prism of height 6 km. The parallel sides of the base have lengths 5 km and 3 km. The other sides of the base are each 2 km. The trapezoid's altitude measures 1.7 km.

$$40.8 \text{ km}^3$$