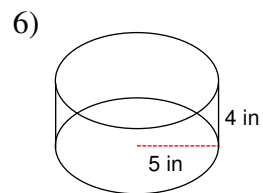
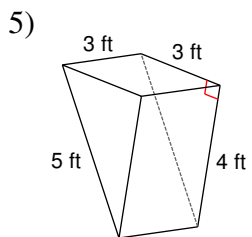
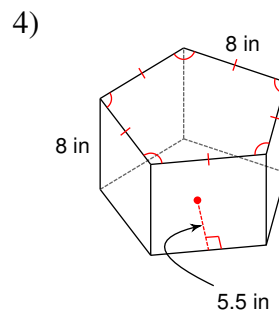
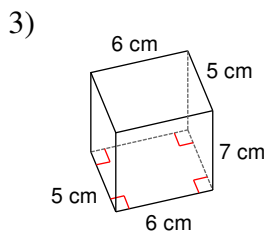
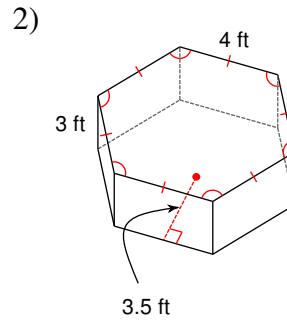
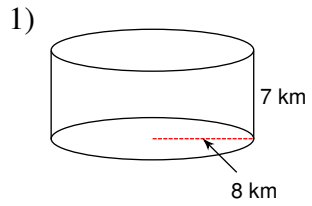
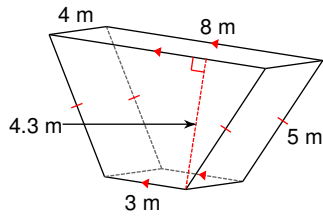


Volume of Prisms and Cylinders

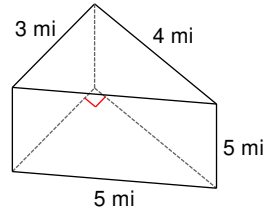
Find the volume of each figure. Round your answers to the nearest tenth, if necessary.



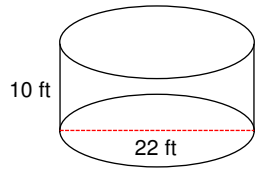
7)



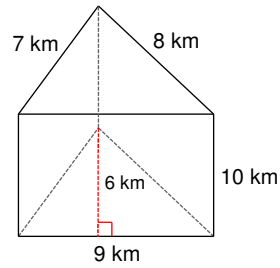
8)



9)



10)



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

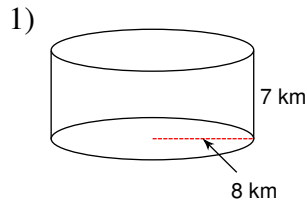
12) A square prism measuring 6 km along each edge of the base and 5 km tall.

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.

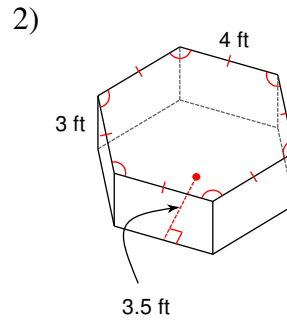
14) A trapezoidal prism of height 6 km. The parallel sides of the base have lengths 5 km and 3 km. The other sides of the base are each 2 km. The trapezoid's altitude measures 1.7 km.

Volume of Prisms and Cylinders

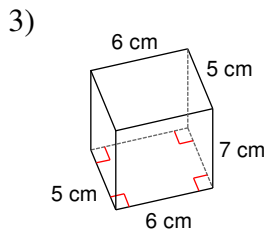
Find the volume of each figure. Round your answers to the nearest tenth, if necessary.



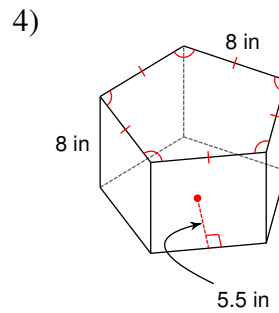
1407.4 km^3



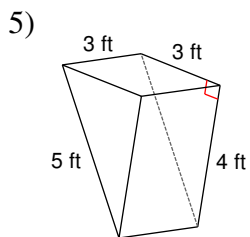
126 ft^3



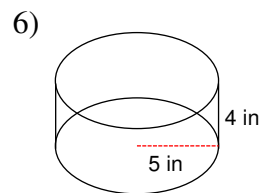
210 cm^3



880 in^3

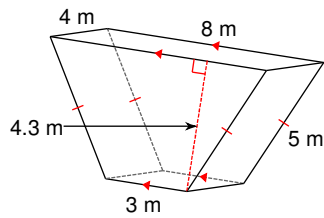


18 ft^3



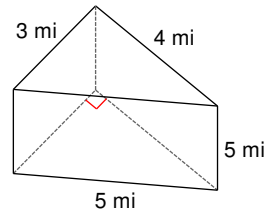
314.2 in^3

7)



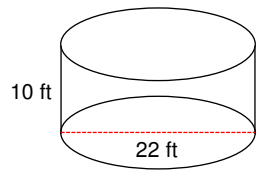
94.6 m^3

8)



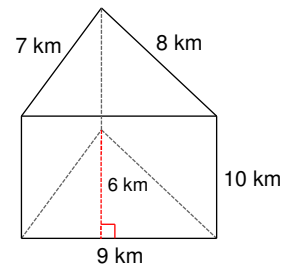
30 mi^3

9)



3801.3 ft^3

10)



270 km^3

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

251.3 yd^3

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

180 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 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 km^3