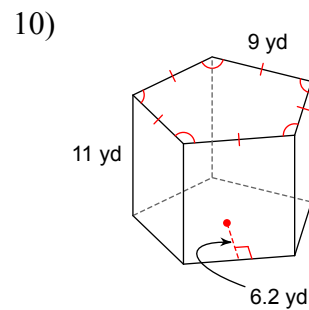
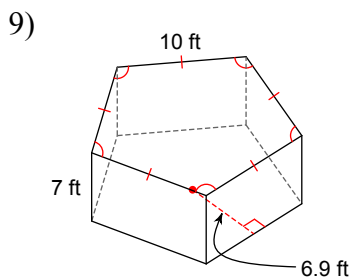
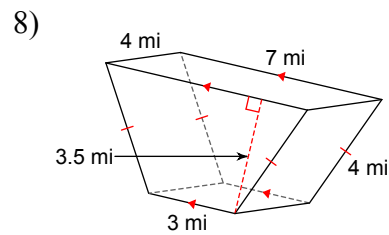
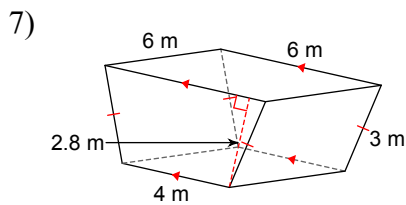
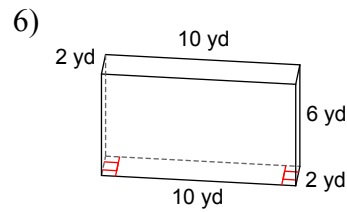
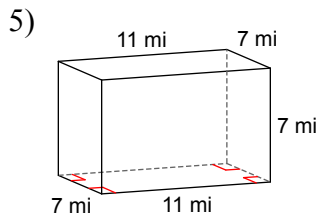
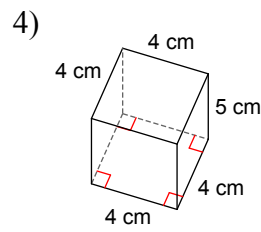
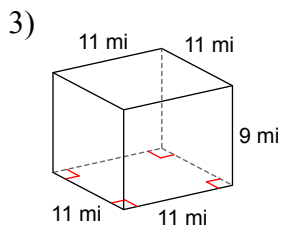
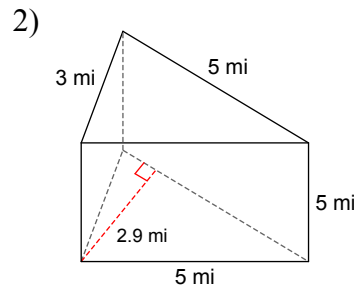
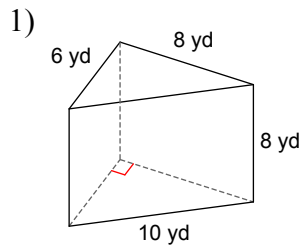
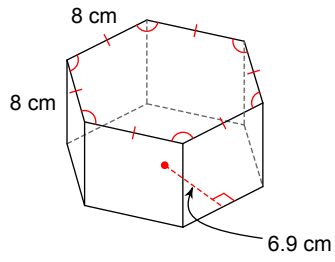


Chap 12: Surface Area and Volume

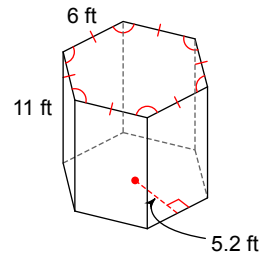
Find the lateral area and surface area of each figure. Round your answers to the nearest hundredth, if necessary.



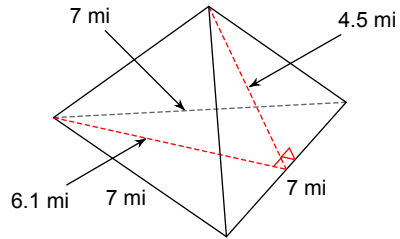
11)



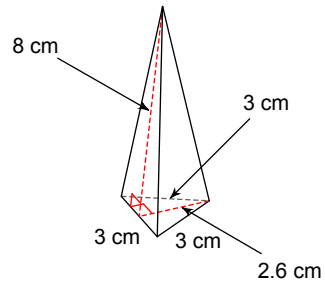
12)



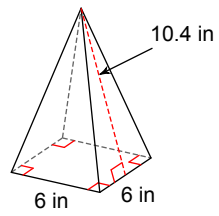
13)



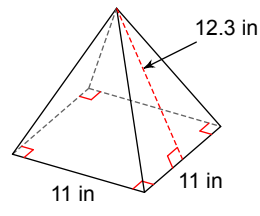
14)



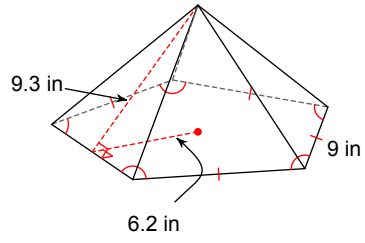
15)



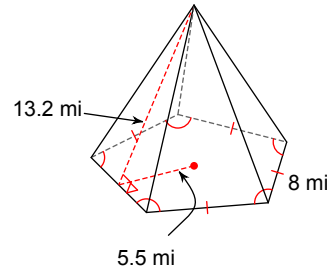
16)



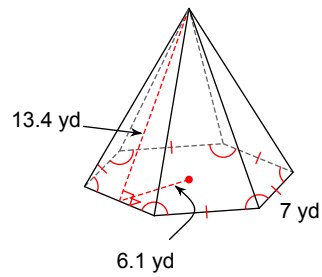
17)



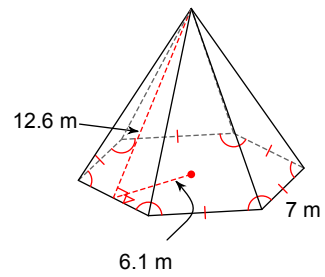
18)



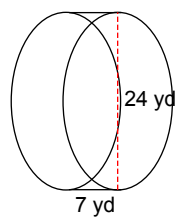
19)



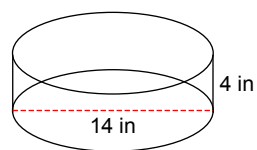
20)



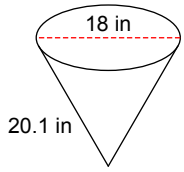
21)



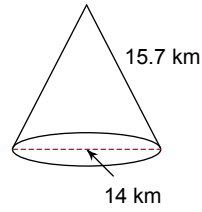
22)



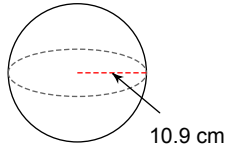
23)



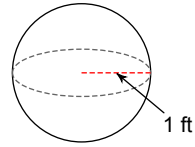
24)



25)

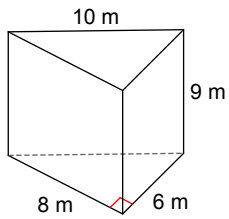


26)

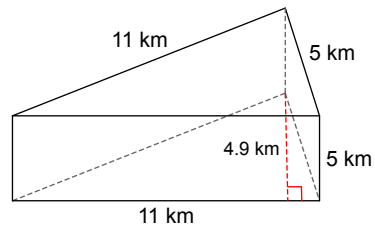


Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.

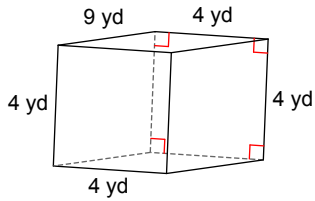
27)



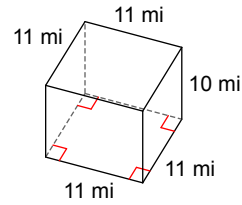
28)



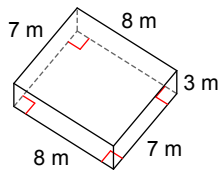
29)



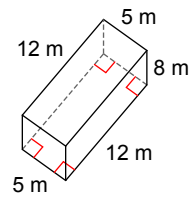
30)



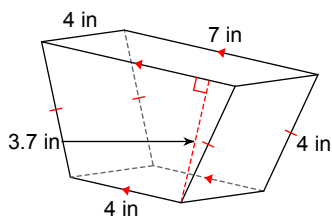
31)



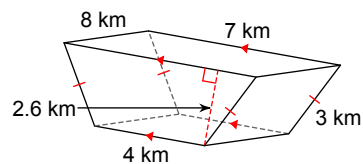
32)



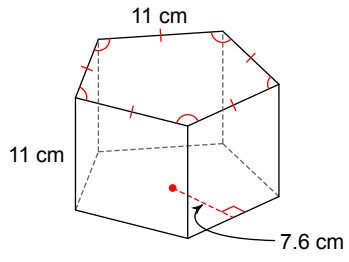
33)



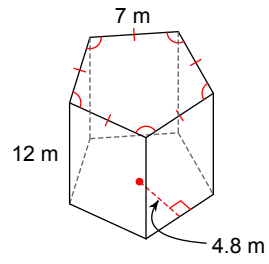
34)



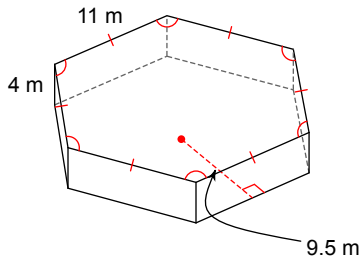
35)



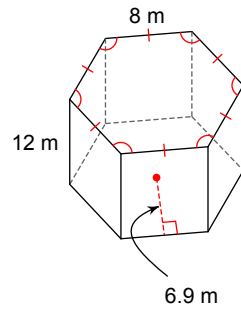
36)



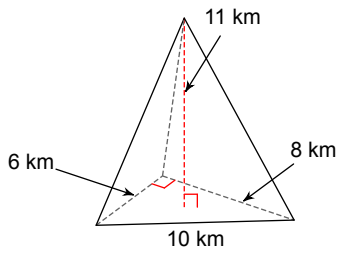
37)



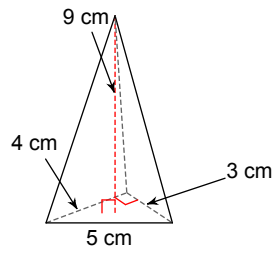
38)



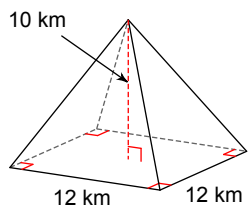
39)



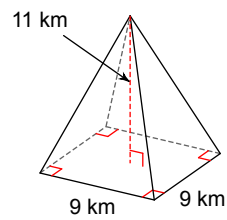
40)



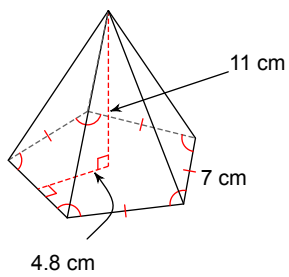
41)



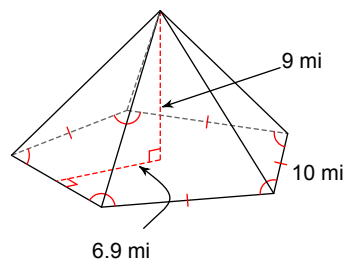
42)



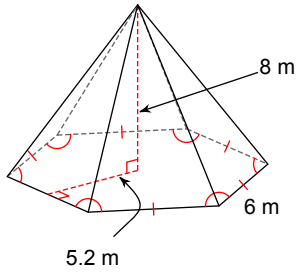
43)



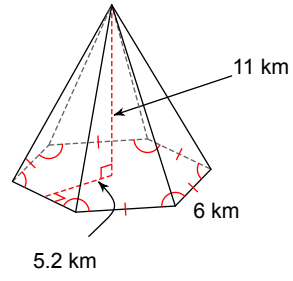
44)



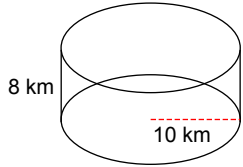
45)



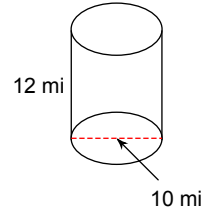
46)



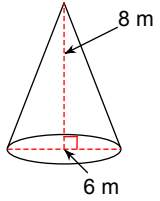
47)



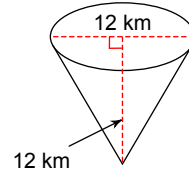
48)



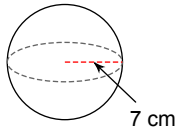
49)



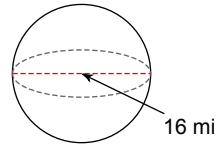
50)



51)



52)



Answers to Chap 12: Surface Area and Volume (ID: 2)

- 1) 192 yd^2 ; 240 yd^2 2) 65 mi^2 ; 79.5 mi^2 3) 396 mi^2 ; 638 mi^2 4) 80 cm^2 ; 112 cm^2
5) 252 mi^2 ; 406 mi^2 6) 144 yd^2 ; 184 yd^2 7) 96 m^2 ; 124 m^2 8) 72 mi^2 ; 107 mi^2
9) 350 ft^2 ; 695 ft^2 10) 495 yd^2 ; 774 yd^2 11) 384 cm^2 ; 715.2 cm^2
12) 396 ft^2 ; 583.2 ft^2 13) 47.25 mi^2 ; 68.6 mi^2 14) 36 cm^2 ; 39.9 cm^2
15) 124.8 in^2 ; 160.8 in^2 16) 270.6 in^2 ; 391.6 in^2 17) 209.25 in^2 ; 348.75 in^2
18) 264 mi^2 ; 374 mi^2 19) 281.4 yd^2 ; 409.5 yd^2 20) 264.6 m^2 ; 392.7 m^2
21) 527.79 yd^2 ; 1432.57 yd^2 22) 175.93 in^2 ; 483.81 in^2 23) 568.31 in^2 ; 822.78 in^2
24) 345.26 km^2 ; 499.2 km^2 25) None; 1493.01 cm^2 26) None; 12.57 ft^2
27) 216 m^3 28) 134.75 km^3 29) 144 yd^3 30) 1210 mi^3
31) 168 m^3 32) 480 m^3 33) 81.4 in^3 34) 114.4 km^3
35) 2299 cm^3 36) 1008 m^3 37) 1254 m^3 38) 1987.2 m^3
39) 88 km^3 40) 18 cm^3 41) 480 km^3 42) 297 km^3
43) 308 cm^3 44) 517.5 mi^3 45) 249.6 m^3 46) 343.2 km^3
47) 2513.27 km^3 48) 942.48 mi^3 49) 75.4 m^3 50) 452.39 km^3
51) 1436.76 cm^3 52) 2144.66 mi^3