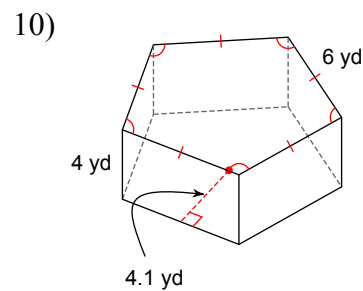
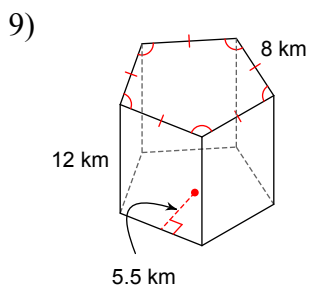
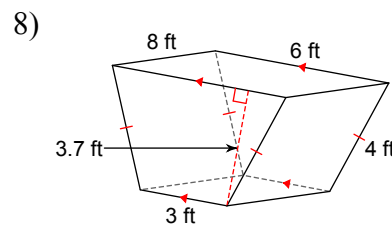
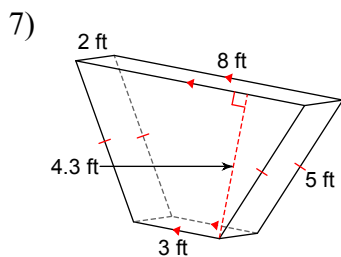
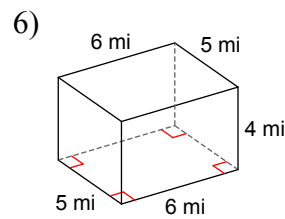
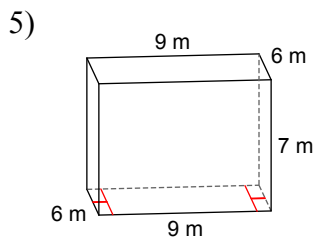
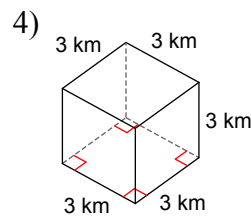
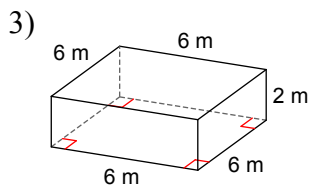
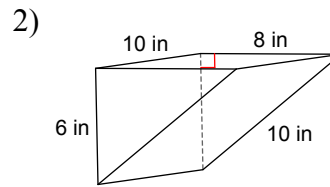
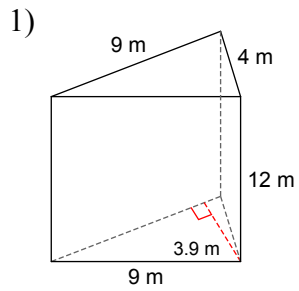
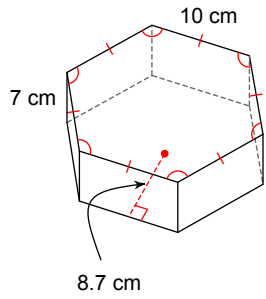


Chapter 12: Surface Area and Volume

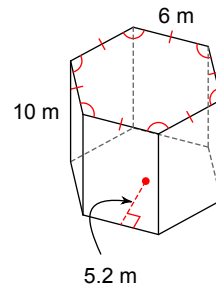
Find the lateral area and surface area of each figure. Round your answers to the nearest hundredth, if necessary.



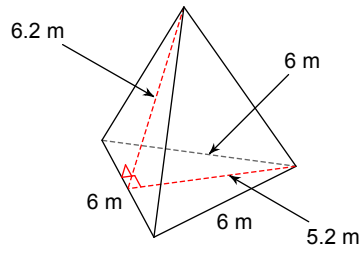
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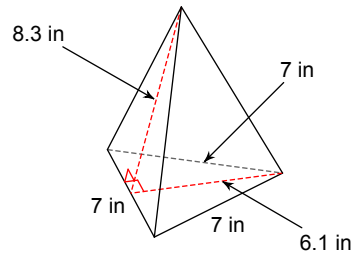
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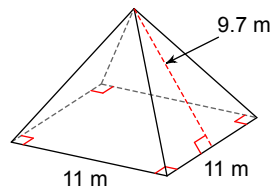
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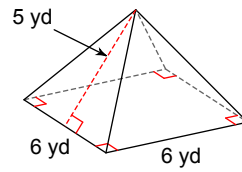
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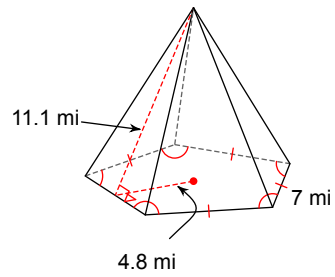
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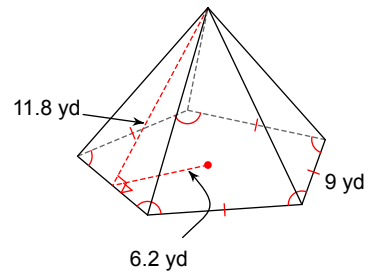
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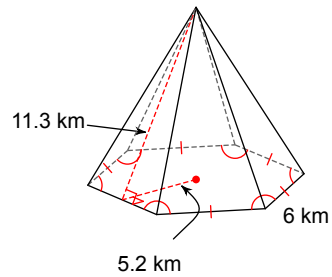
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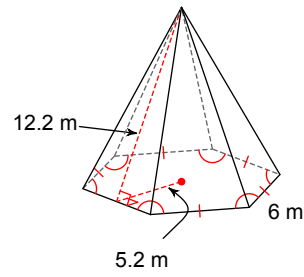
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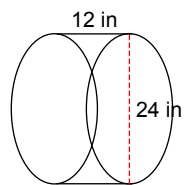
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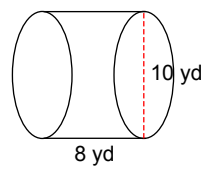
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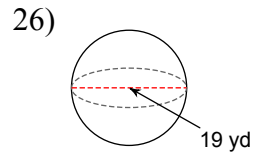
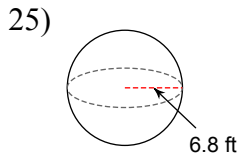
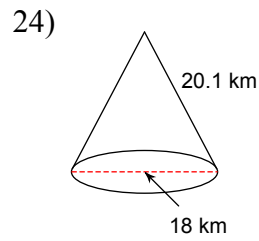
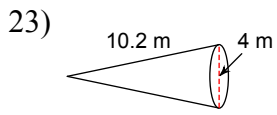


21)

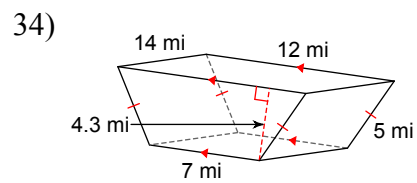
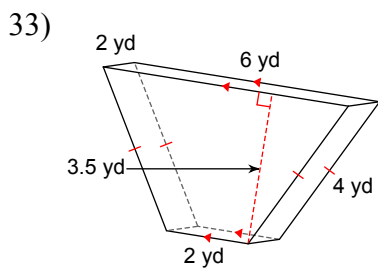
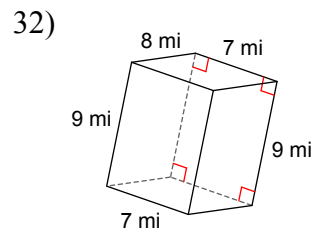
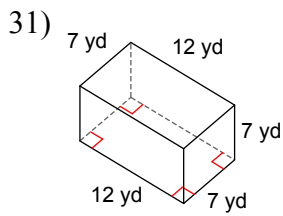
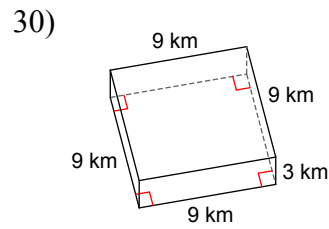
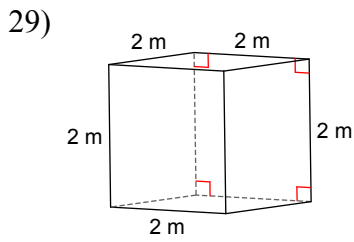
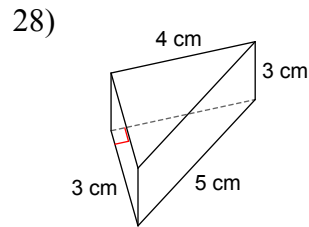
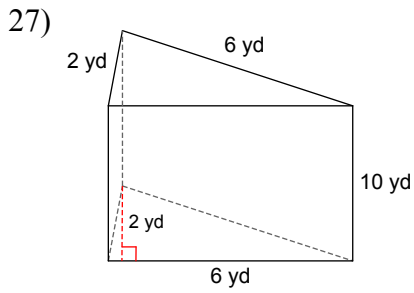


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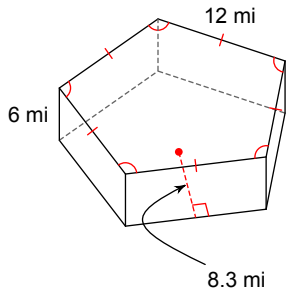




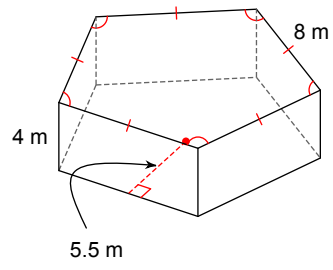
Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.



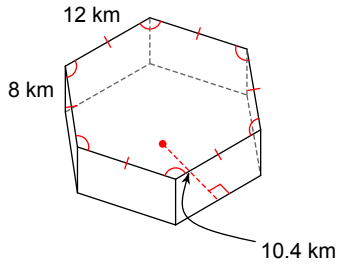
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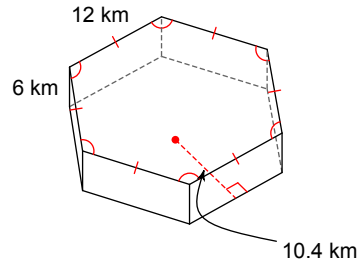
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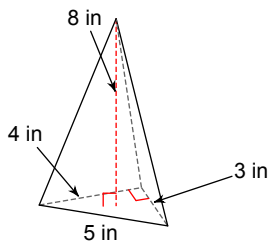
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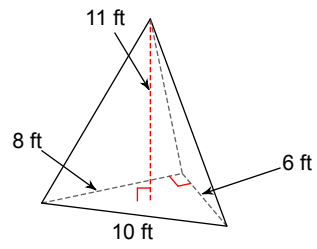
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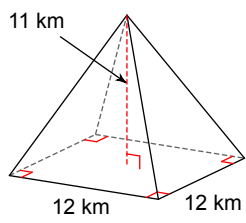
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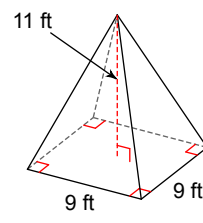
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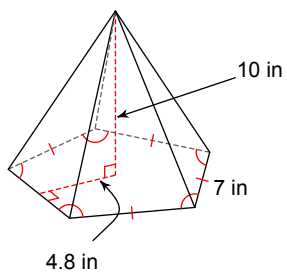
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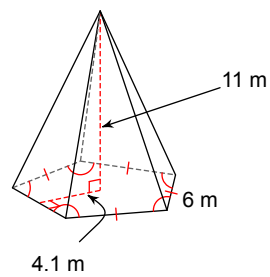
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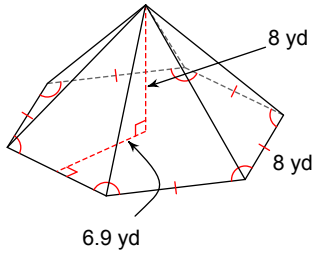
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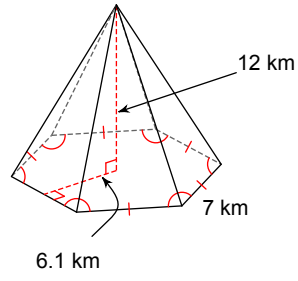
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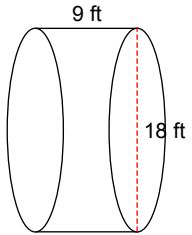
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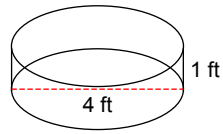
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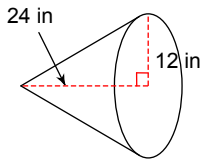
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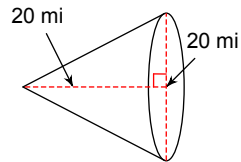
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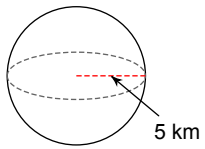
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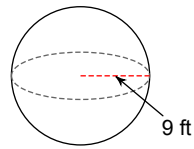
50)



51)



52)



Answers to Chapter 12: Surface Area and Volume (ID: 1)

- | | | | |
|---|---|--|--|
| 1) 264 m ² ; 299.1 m ² | 2) 240 in ² ; 288 in ² | 3) 48 m ² ; 120 m ² | 4) 36 km ² ; 54 km ² |
| 5) 210 m ² ; 318 m ² | 6) 88 mi ² ; 148 mi ² | 7) 42 ft ² ; 89.3 ft ² | 8) 136 ft ² ; 169.3 ft ² |
| 9) 480 km ² ; 700 km ² | 10) 120 yd ² ; 243 yd ² | 11) 420 cm ² ; 942 cm ² | 12) 360 m ² ; 547.2 m ² |
| 13) 55.8 m ² ; 71.4 m ² | 14) 87.15 in ² ; 108.5 in ² | 15) 213.4 m ² ; 334.4 m ² | |
| 16) 60 yd ² ; 96 yd ² | 17) 194.25 mi ² ; 278.25 mi ² | 18) 265.5 yd ² ; 405 yd ² | |
| 19) 203.4 km ² ; 297 km ² | 20) 219.6 m ² ; 313.2 m ² | 21) 904.78 in ² ; 1809.56 in ² | |
| 22) 251.33 yd ² ; 408.41 yd ² | 23) 64.09 m ² ; 76.65 m ² | 24) 568.31 km ² ; 822.78 km ² | |
| 25) None; 581.07 ft ² | 26) None; 1134.11 yd ² | 27) 60 yd ³ | 28) 18 cm ³ |
| 29) 8 m ³ | 30) 243 km ³ | 31) 588 yd ³ | 32) 504 mi ³ |
| 33) 28 yd ³ | 34) 571.9 mi ³ | 35) 1494 mi ³ | 36) 440 m ³ |
| 37) 2995.2 km ³ | 38) 2246.4 km ³ | 39) 16 in ³ | 40) 88 ft ³ |
| 41) 528 km ³ | 42) 297 ft ³ | 43) 280 in ³ | 44) 225.5 m ³ |
| 45) 441.6 yd ³ | 46) 512.4 km ³ | 47) 2290.22 ft ³ | 48) 12.57 ft ³ |
| 49) 3619.11 in ³ | 50) 2094.4 mi ³ | 51) 523.6 km ³ | 52) 3053.63 ft ³ |