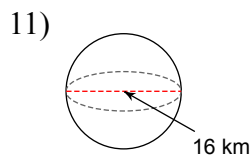
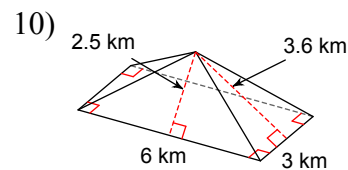
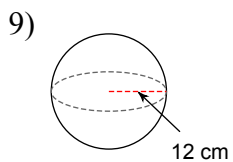
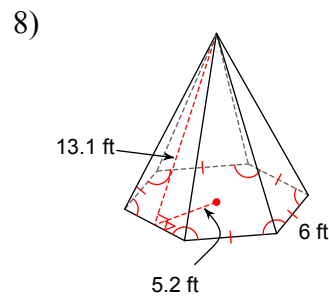
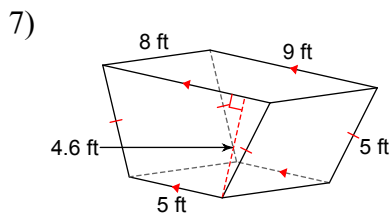
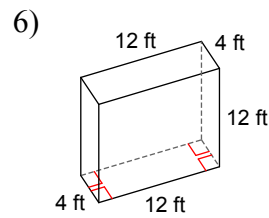
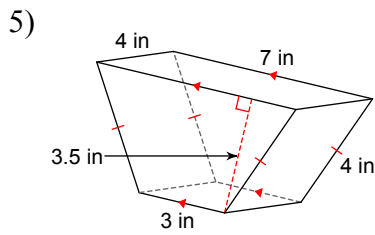
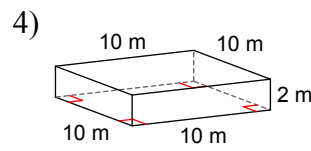
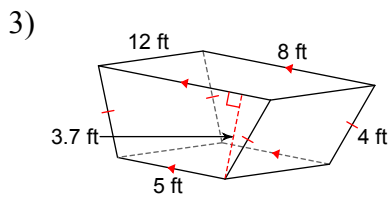
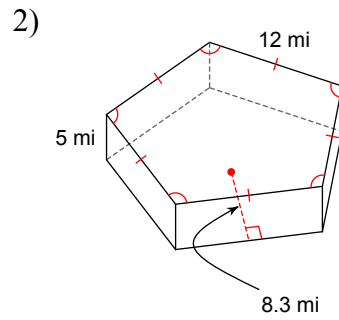
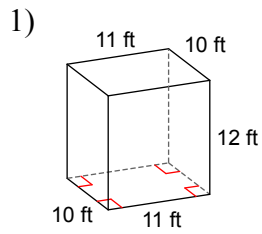
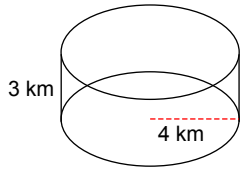


Surface Area and Volume Review

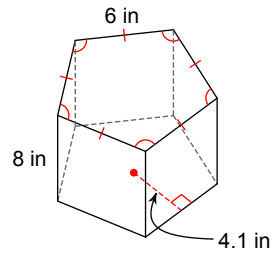
Find the lateral area and surface area of each figure. Round your answers to the nearest tenth, if necessary.



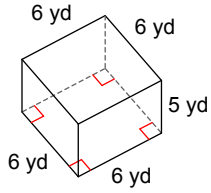
12)



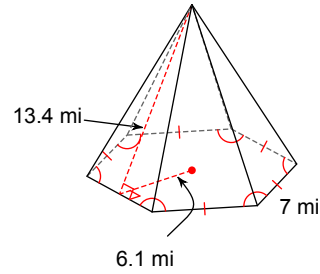
13)



14)

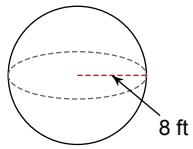


15)

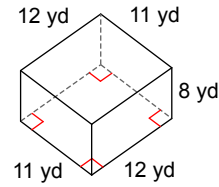


**Find the volume of each figure. Round your answers to the nearest tenth, if necessary.**

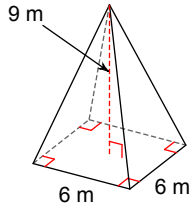
16)



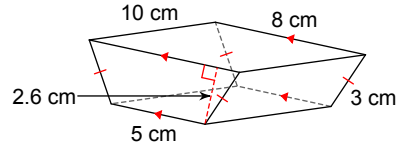
17)



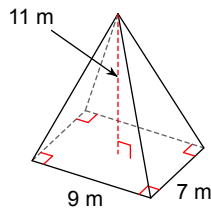
18)



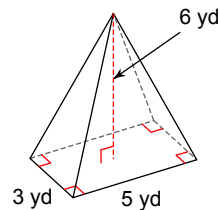
19)



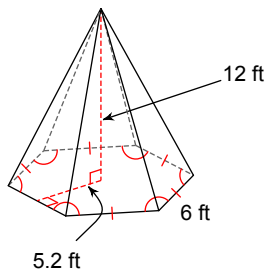
20)



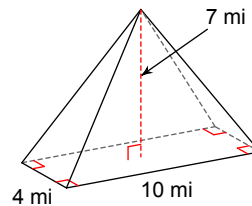
21)



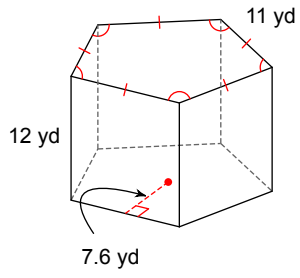
22)



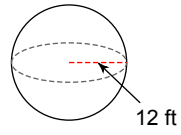
23)



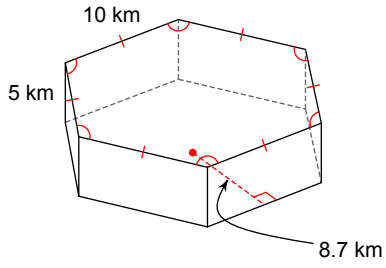
24)



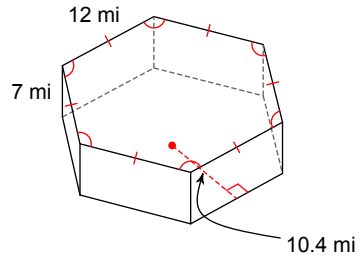
25)



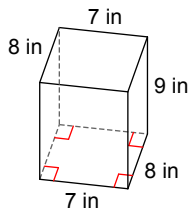
26)



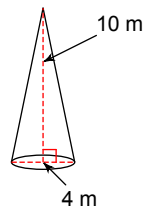
27)



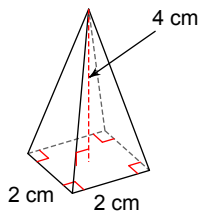
28)



29)



30)



## Answers to Surface Area and Volume Review (ID: 1)

- |   |   |  |  |
|---|---|--|--|
| 1) $504 \text{ ft}^2$ ; $724 \text{ ft}^2$      | 2) $300 \text{ mi}^2$ ; $798 \text{ mi}^2$    | 3) $252 \text{ ft}^2$ ; $300.1 \text{ ft}^2$ | 4) $80 \text{ m}^2$ ; $280 \text{ m}^2$        |
| 5) $72 \text{ in}^2$ ; $107 \text{ in}^2$       | 6) $384 \text{ ft}^2$ ; $480 \text{ ft}^2$    | 7) $192 \text{ ft}^2$ ; $256.4 \text{ ft}^2$ | 8) $235.8 \text{ ft}^2$ ; $329.4 \text{ ft}^2$ |
| 9) None; $1809.6 \text{ cm}^2$                  | 10) $25.8 \text{ km}^2$ ; $43.8 \text{ km}^2$ | 11) None; $804.2 \text{ km}^2$               |  |
| 12) $75.4 \text{ km}^2$ ; $175.9 \text{ km}^2$  | 13) $240 \text{ in}^2$ ; $363 \text{ in}^2$   | 14) $120 \text{ yd}^2$ ; $192 \text{ yd}^2$  |  |
| 15) $281.4 \text{ mi}^2$ ; $409.5 \text{ mi}^2$ | 16) $2144.7 \text{ ft}^3$                     | 17) $1056 \text{ yd}^3$                      |  |
| 18) $108 \text{ m}^3$                           | 19) $169 \text{ cm}^3$                        | 20) $231 \text{ m}^3$                        | 21) $30 \text{ yd}^3$                          |
| 22) $374.4 \text{ ft}^3$                        | 23) $93.3 \text{ mi}^3$                       | 24) $2508 \text{ yd}^3$                      | 25) $7238.2 \text{ ft}^3$                      |
| 26) $1305 \text{ km}^3$                         | 27) $2620.8 \text{ mi}^3$                     | 28) $504 \text{ in}^3$                       | 29) $41.9 \text{ m}^3$                         |
| 30) $5.3 \text{ cm}^3$                          |   |  |  |