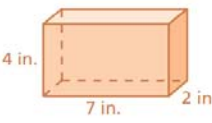
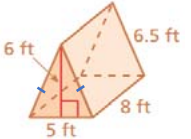
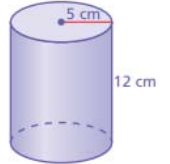
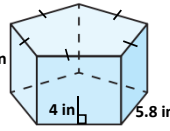
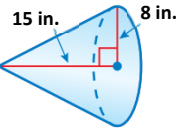
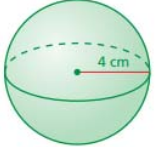
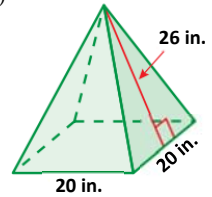
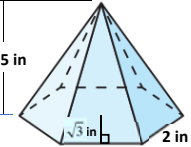
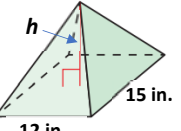
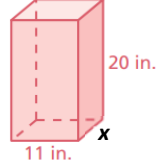
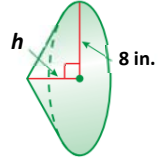
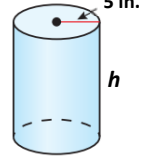


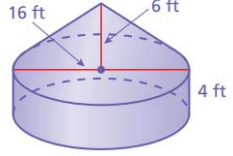
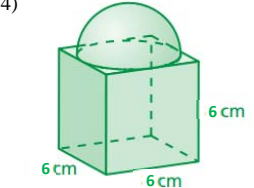
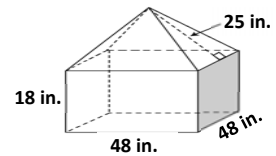
**State the name** and find the **surface area** and **volume** of each of the following. Show the formulas used and the work that leads to your answer. Drawing the net is optional.

1) 	2) 	3) 	4) 
5) 	6) 	7) 	8) Base is a Regular Hexagon just find the volume 

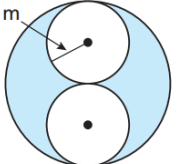
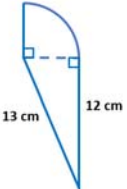
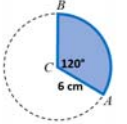
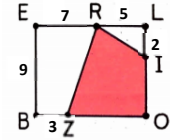
Find the indicated value using the given information. **Show work by writing and solving an equations.**

9) Volume = $660 \text{ in}^3$ 	10)  Surface Area = $936 \text{ in}^2$	11)  Volume = $80\pi \text{ in}^3$	12)  Surface Area = $570\pi \text{ in}^2$
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Find the volume of each compound solid.

13) 	14) 	15) 
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Find the area or perimeter as indicated.

16) Find the shaded area. All shapes are circles. 	17) Find perimeter <b>and</b> area. Round answers to nearest hundredth. 	18) Find the area of sector BCA and the length of arc BA. 	19) Find the shaded area. 
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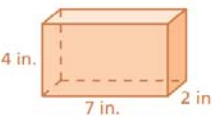
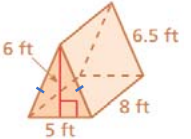
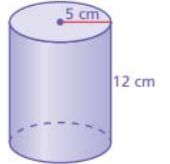
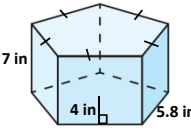
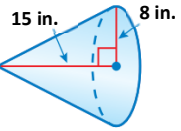
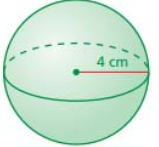
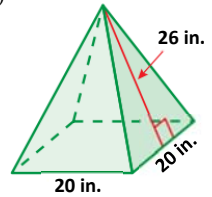
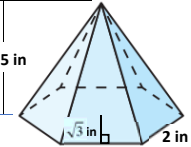
Jumbled Answers:

1-8: Surface Areas: 100, 152, 174, 319, 1440,  $64\pi$ ,  $170\pi$ ,  $200\pi$   
Volumes: 56, 120, 152, 406, 3200,  $10\sqrt{3}$ ,  $300\pi$ ,  $320\pi$ ,  $\frac{256}{3}\pi$

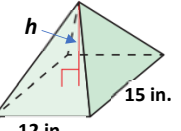
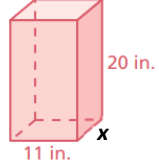
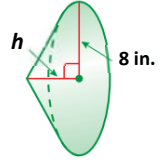
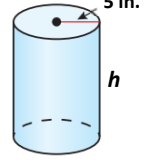
9-15: 3.75, 8, 11, 33, 52, 46848,  $384\pi$ ,  $18\pi + 216$

16-19: 18 $\pi$ , 49.63, 37.85, 4 $\pi$ , 12 $\pi$ , 58

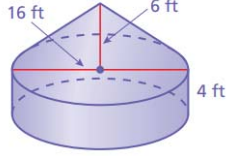
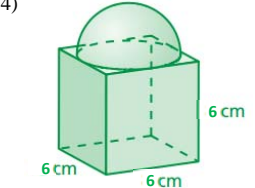
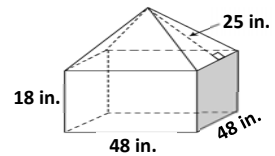
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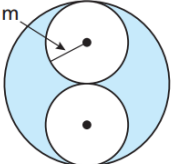
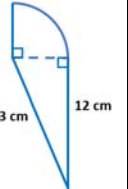
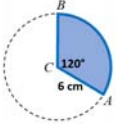
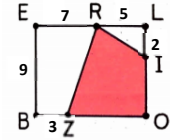
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