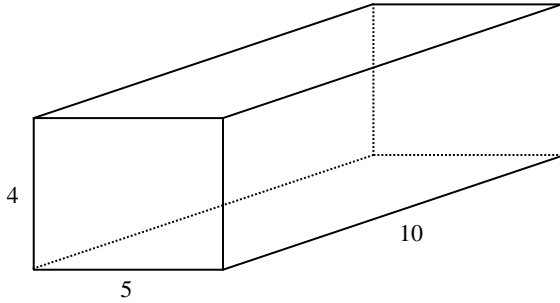


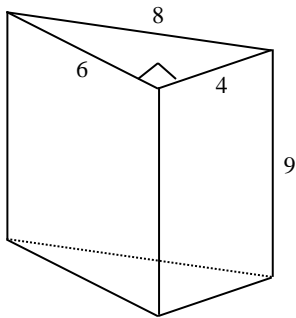
12.2 & 12.3 Review

Find the lateral area and surface area of each prism.
Round to the nearest tenth if necessary

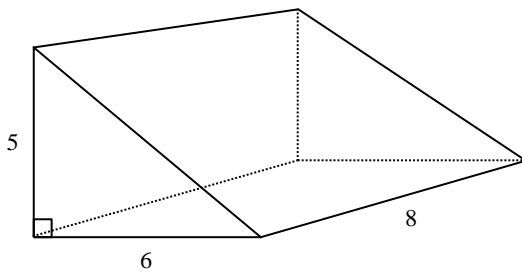
1. The dimension labeled 10 is the height of the prism.



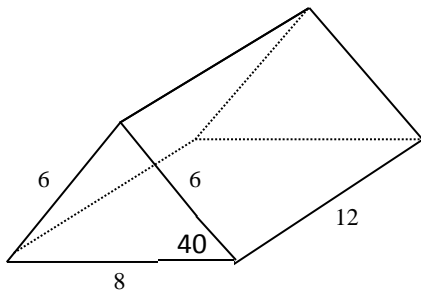
2.



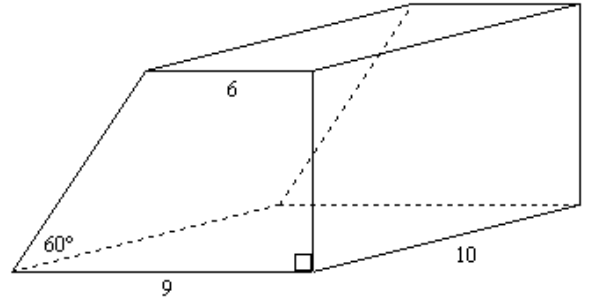
3.



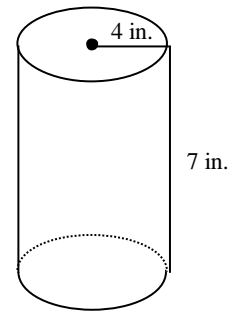
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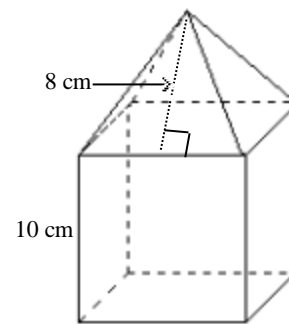
5.



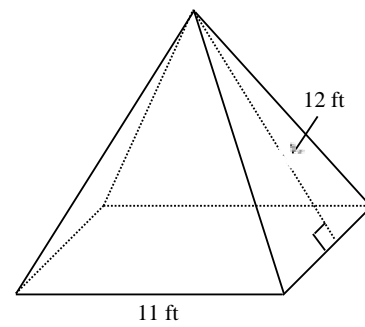
6.



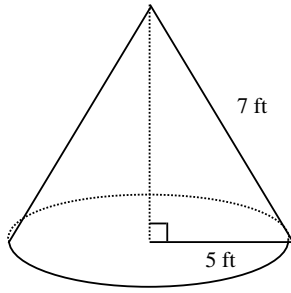
7.



8.



9.



Find the slant height of the cone with the given measurements, rounded to the nearest hundredth. Then use your result to find the surface area of the cone. Use 3.14 for π . Round the final answer to the nearest thousandth.

10. radius: 13 feet, height: 17 feet

11. height: 8 yards, diameter 8 yards

12. Find the surface area of a pentagonal prism with a side measure of 6 in and a height of 8 in.