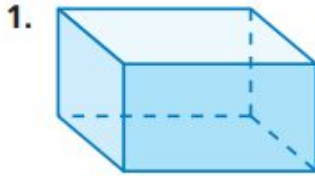


8.1–8.2 Quiz



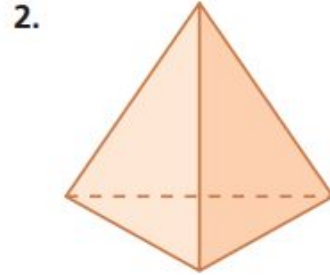
Find the number of faces, edges, and vertices of the solid. *(Section 8.1)*



Faces: _____

Edges: _____

Vertices: _____



Faces: _____

Edges: _____

Vertices: _____

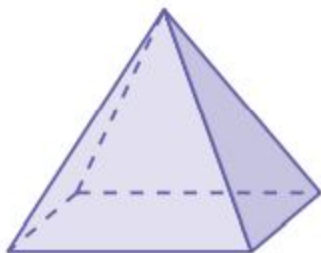
Draw the solid. *(Section 8.1)*

3. trapezoidal prism

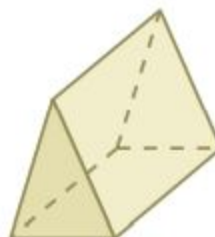
4. octagonal pyramid

Draw the front, side, and top views of the solid. (Section 8.1)

5.



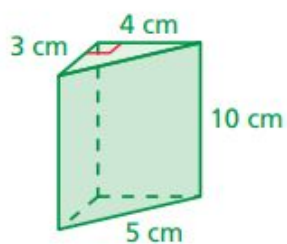
6.



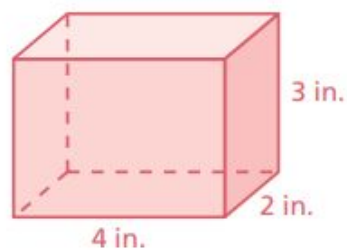
Do these on your grid and label them # 5 & 6.

Find the surface area of the prism. (Section 8.2)

7.



8.





9. **CEREAL** A cereal box has the dimensions shown. (*Section 8.2*)

- a. Find the surface area of the cereal box.
- b. The manufacturer decides to decrease the size of the box by reducing each of the dimensions by 1 inch. Find the decrease in surface area.

a. _____

b. _____

10. **GIFT BOX** Find the surface area of the gift box. (*Section 8.2*)

