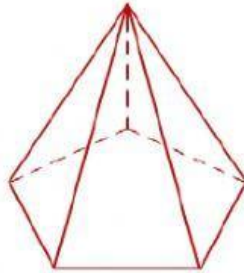


Reviewing Prisms & Pyramids

Grade 7 Mathematics

1. Identify the following shape and label the number of faces, edges and vertices.



Name of 3D Shape: _____

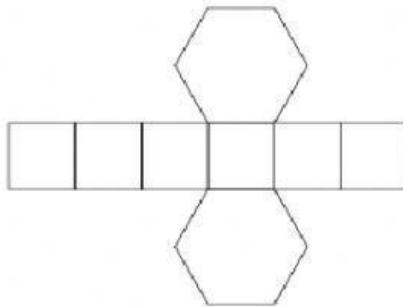
of Faces: _____

of Edges: _____

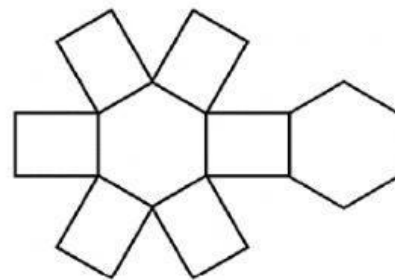
of Vertices: _____

2. Which of the following nets represent a hexagonal prism?

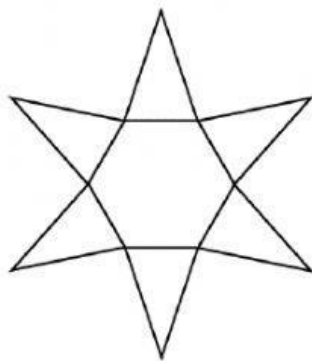
Option A: _____



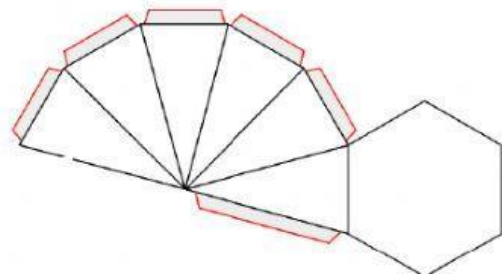
Option B: _____



Option C: _____



Option D: _____



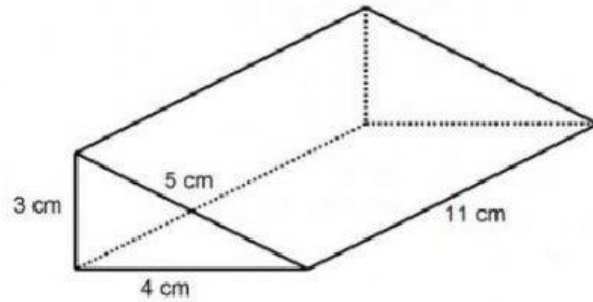
3. A triangular prism has a base of 4cm, height of 3cm and prism height/length of 11cm.

a. Calculate its volume.

= _____ cm^3

b. Calculate its surface area.

= _____ cm^2

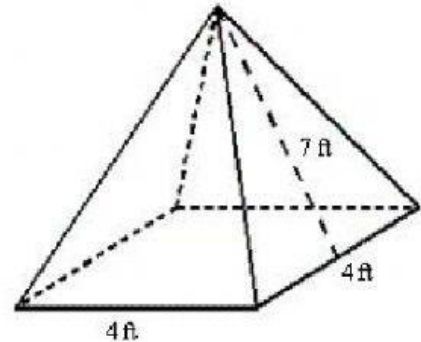


4. ACME Camping Gear is designing a new tent.

a) Name the shape: _____

b) Calculate how much material is needed to cover the outside of this design. →

= _____ ft^2

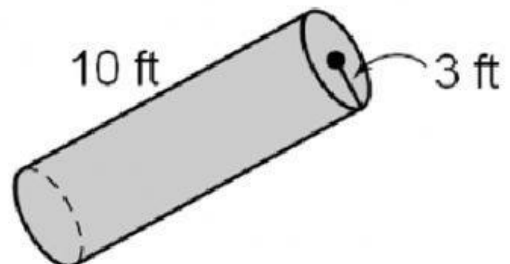


5. Hershey's has decided to sell a new chocolate bar in the following shape.

a) Name the following shape: _____

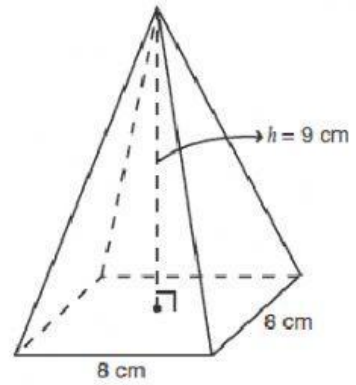
b) Calculate how much chocolate they can fit inside the package

= _____ ft^3



6. Find the volume of the following pyramid.

Volume = _____ cm^3



7. Calculate the volume AND surface area of the following figure.

a) Volume: _____ cm^3

b) Surface Area: _____ cm^2

