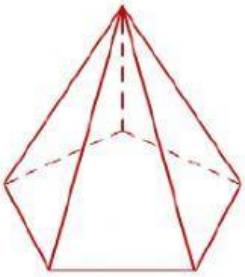
April 20th, 2020

Reviewing Prisms & Pyramids

Grade 7 Mathematics

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



Name of 3D Shape: _____

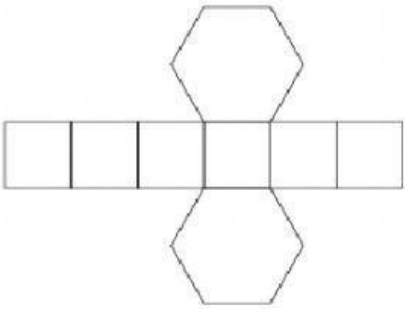
# of Faces: _____

# of Edges: _____

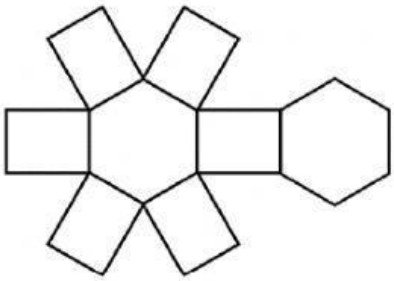
# of Vertices: _____

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

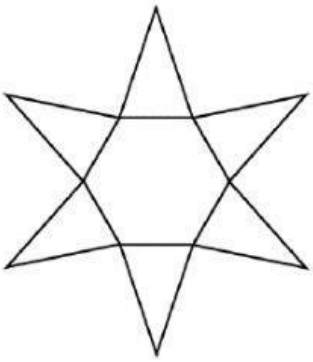
Option A: _____



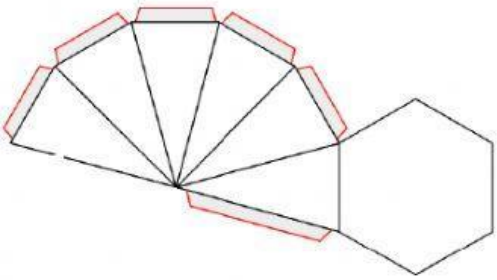
Option B: _____



Option C: _____



Option D: _____



LIVEWORKSHEETS

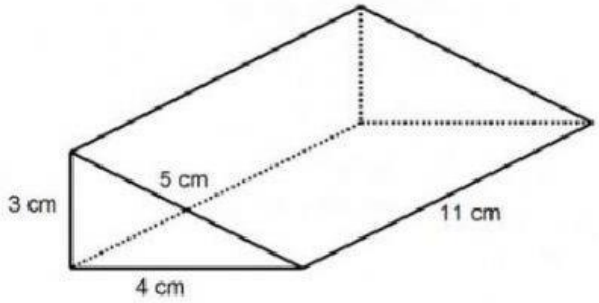
3. A triangular prism has a base of 4cm, height of 3cm and prism height/length of 11cm.

   a. Calculate its volume.

      = _____ cm^3

   b. Calculate its surface area.

      = _____ cm^2

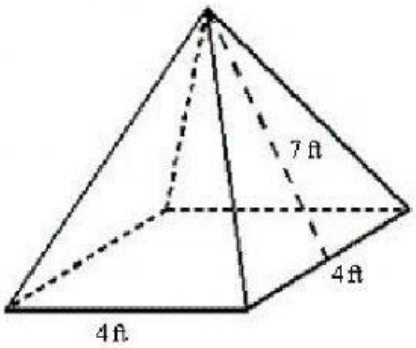


4. ACME Camping Gear is designing a new tent.

   a) Name the shape: _____

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

      = _____ ft^2

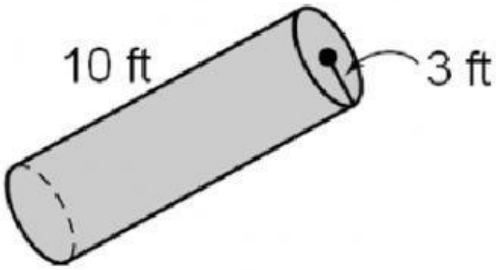


5. Hershey's has decided to sell a new chocolate bar in the following shape.

   a) Name the following shape: _____

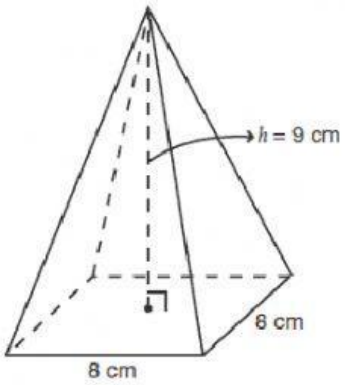
   b) Calculate how much chocolate they can fit <u>inside</u> the package

      = _____ ft^3



LIVEWORKSHEETS

6. Find the volume of the following pyramid.

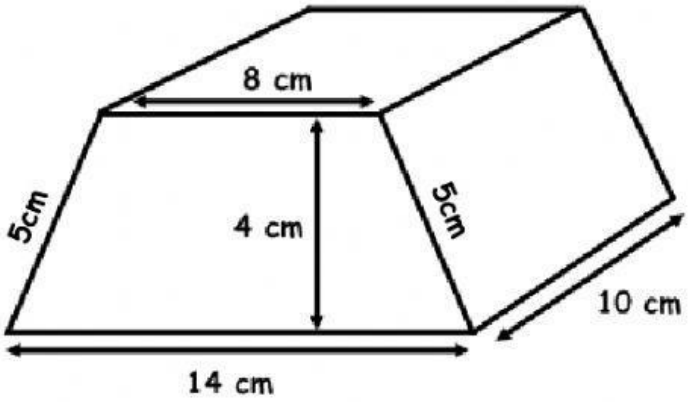


Volume = _____ cm^3

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

a) Volume: _____ cm^3

b) Surface Area: _____ cm^2



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