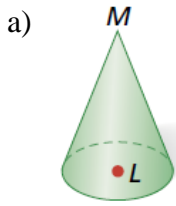


Geometry:
Chapter 10 (Part 1) Group Test Review

Name _____
Per _____ **Row #** _____

1) Classify each figure. Name the vertices, edges, and faces. If none, put “none.”

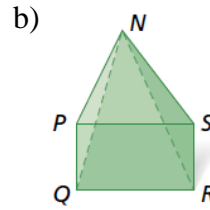


Name _____

Faces _____

Edges _____

Vertices _____



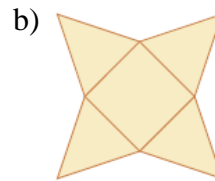
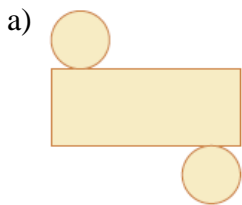
Name _____

Faces _____

Edges _____

Vertices _____

2) Name the 3-D figure that can be made from the given net.



3) Find the LA and SA of a cube with a side length of 5 ft. Draw a diagram.

LA = _____ SA = _____

4) Find the LA and SA of a regular pentagonal pyramid with a slant height of 8 cm and a base edge length of 4 cm. Draw a diagram.

LA = _____ SA = _____

5) Find the LA and SA of a cone with a radius of 7 m and a height of 24 m. Leave in terms of π . Draw a diagram.

LA = _____ SA = _____

6) Find the SA of a hemisphere that has a great circle with area of $100\pi \text{ m}^2$. Leave in terms of π . Draw a diagram.

SA = _____

7) Find the SA of the composite figures (leave your answer in terms of π and round radicals to the hundredths place):

