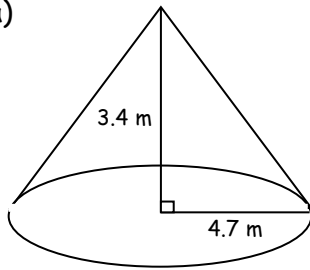


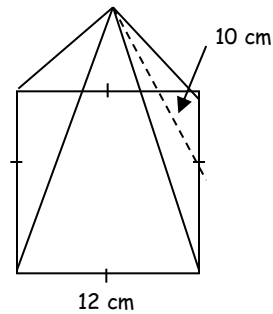
## Surface Area of Pyramids and Cones

1. Find the surface area of the following figures.

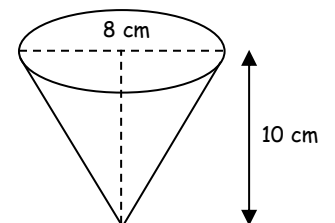
a)



b)



2. An open topped paper drinking cup in the shape of a cone is pictured below. How much paper is required to make the cup?



3. A tent is in the shape of a square-based pyramid with side lengths 8 ft and a height of 6 ft.

a) Calculate the height,  $h$ , of one face.

b) Determine the surface area of the tent, including the floor.

