

1) A square pyramid has a slant height of 5 meters. The perimeter of the base is 32 meters. Find the surface area of the pyramid.

Metre square

2) A regular triangular pyramid has a base length of 3.5 meters, a height of 1.3 meters, and a surface area of 21 square meters. What is the approximate slant height of the pyramid?

Meters

3) A cardboard box is 32 centimeters long, 15 centimeters wide, and 6 centimeters tall. The box does not have a top. How much cardboard was used to make the box?

Cm square

4) Three identical boxes are stacked by placing the bases on top of each other. Each box has a base that is 18 inches by 9 inches and is 4 inches tall. The stack of boxes will be shrink-wrapped with plastic. How much shrink-wrap is needed to cover the boxes?

Inch square