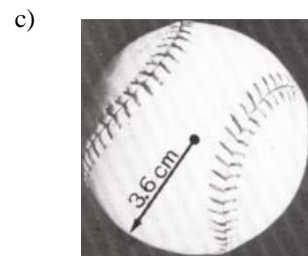
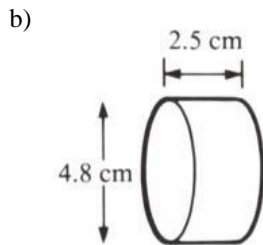
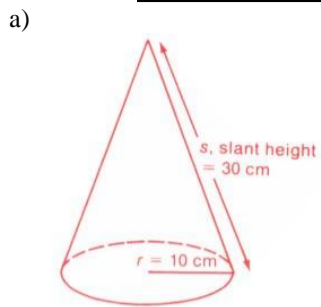


Geometry, Measurement & Finance 10

PRACTICE – Surface Area of Prisms, Pyramids, Cylinders, Cones and Spheres

1. Find the **TOTAL SURFACE AREA** for each one of the following:

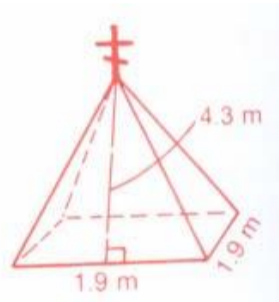


2. Find the **SPECIFIED AREA** for each of the following:

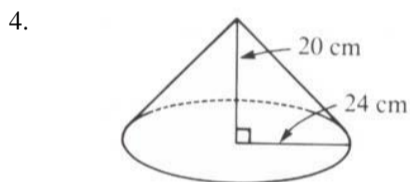
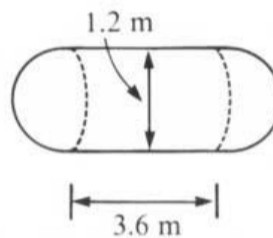
a) Find the area of the **label** for the juice can...



b) Find the area of the **roof** for the steeple...



3. Find the **TOTAL SURFACE AREA** of the following figure:

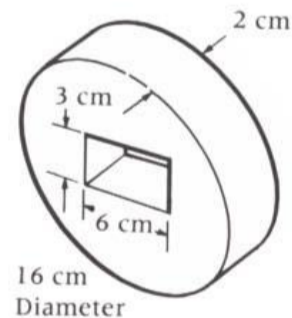


- a) Find the **SLANT HEIGHT** of the cone
 b) Find the **TOTAL SURFACE AREA**



- a) Find the **AREA TO BE PAINTED**
 b) Calculate the **COST** if one can of paint costs \$25 and covers 30 m²

NOW TRY THIS ONE... Find the **TOTAL SURFACE AREA** of the following object...



SOLUTIONS...

1. a) 1256.6 cm² b) 73.89 cm² c) 162.89 cm²
 2. a) 1570.8 cm² b) 16.34 m²
 3. 18.1 m²
 4. a) 31.24 cm b) 4165 cm²
 5. a) 2597.38 m² b) \$2175