

(1) Calculate the volume of the following:

[If necessary, round off to the nearest integer.]

(a) a prism on a rectangular base with length 18 cm and breadth 14 cm and a height of 7 cm.

(b) a pyramid on a square base with sides 5 mm each and the perpendicular height of the pyramid is 6,5 mm.

(c) a sphere with diameter 18 mm.

(d) a cone where the radius of the base is 4 cm and the perpendicular height of the cone is 8 cm.

- (2) Calculate the total surface area of the figure if all dimensions are given as cm.
The perpendicular height of the pyramid is 7 cm.


