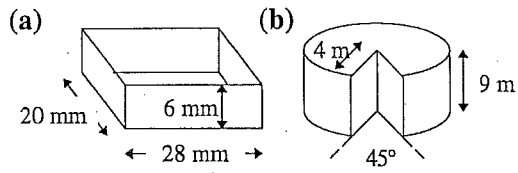


Skill 7.7 Surface area of solids

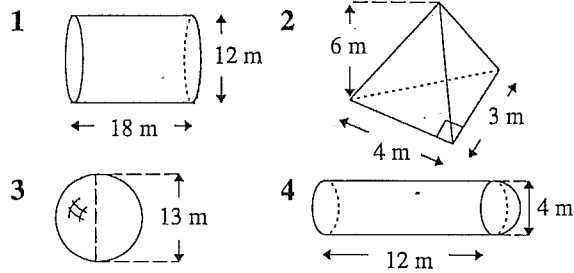
1 Find the surface area of these solids:



2 Find the total surface area of a sphere with radius of 83 cm.

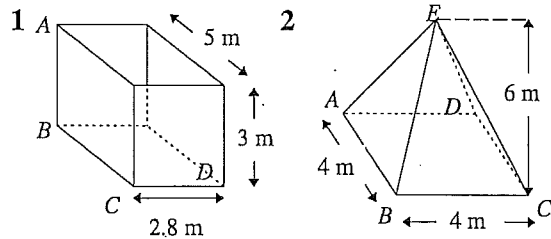
Skill 7.8 Volume of solids

Find the volume of these solids:



Skill 7.9 Working with solids

Find the length of the labelled sides:



(a) AC (b) BD
(c) AD

(a) AC (b) EC

Skill 7.7

- 1 (a) 1136 mm^2 (b) 357.88 m^2
2 86569.7 cm^2

Skill 7.8

- 1 2035.8 m^3 2 36 m^3 3 1150.3 m^3
4 167.55 m^3

Skill 7.9

- 1 (a) 5.83 m (b) 5.73 m (c) 6.47 m
2 (a) 5.66 m (b) 6.63 m