

Worksheet 2015-8EQ-00005(1)

(1) Convert the following to the given units in brackets:

(a) 155 cm^2 (mm^2)

(d) $0,1 \text{ m}^3$ (cm^3)

(b) $0,112 \text{ km}^2$ (cm^2)

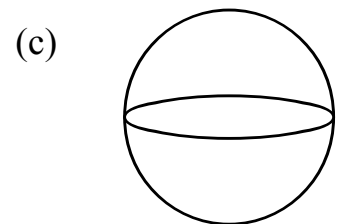
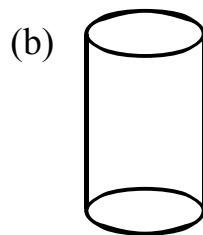
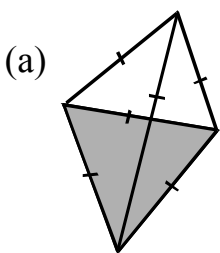
(e) $2\,000 \text{ m}^2$ (km^2)

(c) 28 cm^3 (mm^3)

(f) 16 mm^3 (cm^3)

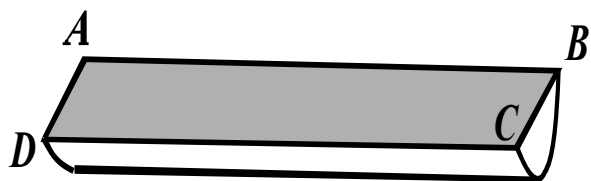
(2) Classify each of the following polyhedrons. Use the words in the word bank.

Cube	Cylinder	Cone
Sphere	Rectangular pyramid	Tetrahedron
Prism on a hexagonal base		

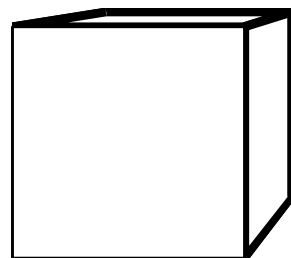


(3) Calculate the surface area of the following, correct to 2 dec:

(a) $AB = 14 \text{ cm}$ and $AD = 3 \text{ cm}$



(b) Adjacent is a cube with side lengths of 24,5 mm



(b)



A diagram of a cylinder. The radius is labeled as 40 mm and the height is labeled as 60 mm.

A diagram of a cylinder. A horizontal line segment from the center of the top circular face to its edge is labeled 40 mm . A vertical line segment along the right side of the cylinder is labeled 60 mm .

[illegible]

- [illegible]

