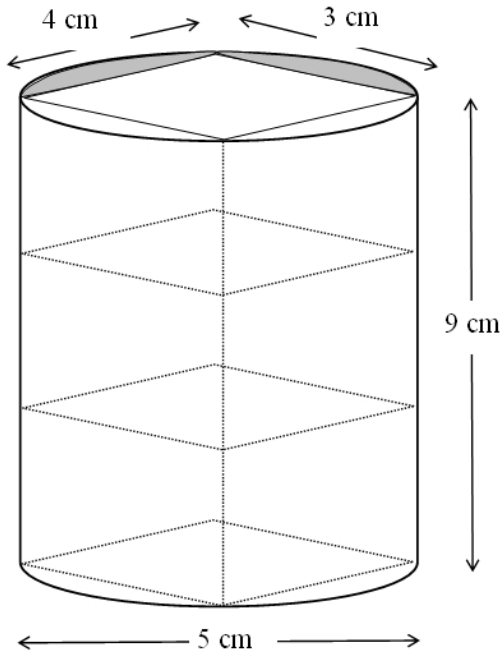


Blocks and a cylinder

This task is about calculating the volume of blocks in a cylinder.

Anaru packed three blocks into a cylinder, one block on top of the other.



Find the total volume of the three blocks each measuring $4\text{ cm} \times 3\text{ cm} \times 3\text{ cm}$.

a) _____ cm^3

Find the volume of the cylinder which has a diameter of 5 cm and a height of 9 cm .
(Take $\pi = 3.14$)

b) _____ cm^3

c) How much empty space is left around the blocks? _____ cm^3

Show any working here