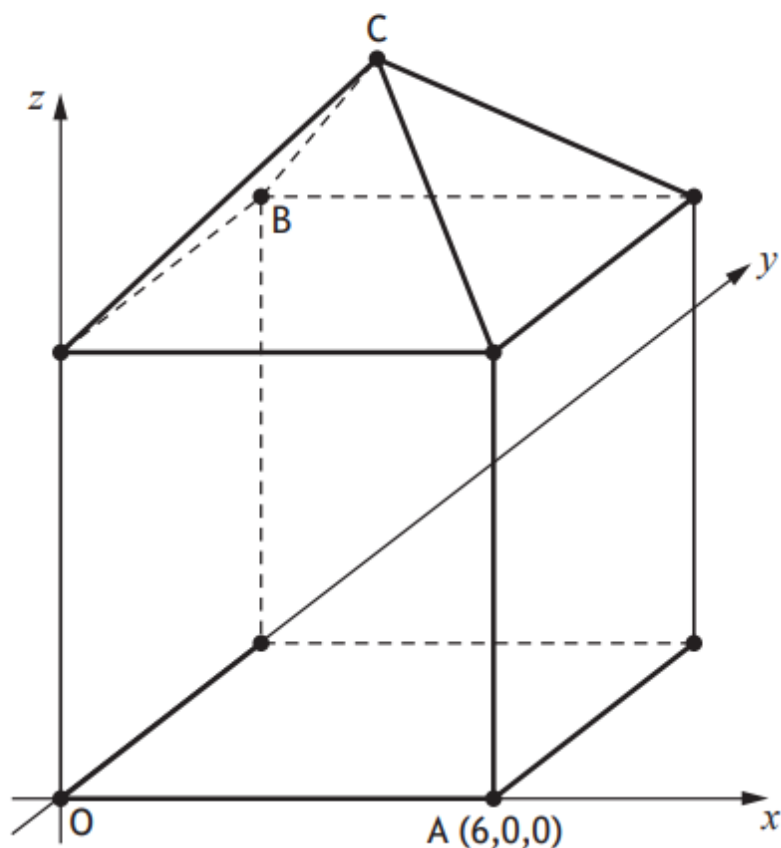


The diagram shows a square-based pyramid placed on top of a cube, relative to the coordinate axes.



The height of the pyramid is half of the height of the cube.

A is the point  $(6,0,0)$ .

The point C is directly above the centre of the base.

Write down the coordinates of B and C.

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Answer:

B  $(0, 6, 6)$

C  $(3, 3, 9)$