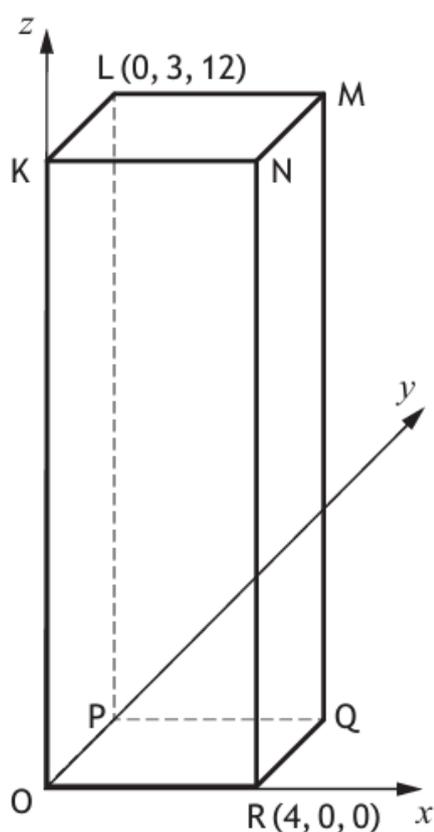National 5 Maths
Maths.scot

The diagram shows a cuboid, KLMNOPQR, relative to the coordinate axes.

L has coordinates $(0, 3, 12)$.

R has coordinates $(4, 0, 0)$.

(a) Write down the coordinates of M.   1

(b) Calculate the length of the space diagonal OM.   3

Answers:

(a)   (4, 3, 12)

(b)   13