Higher Maths
Maths.scot

Triangle ABC has vertices A(−1, −1), B(2, −4) and C(7, 3).
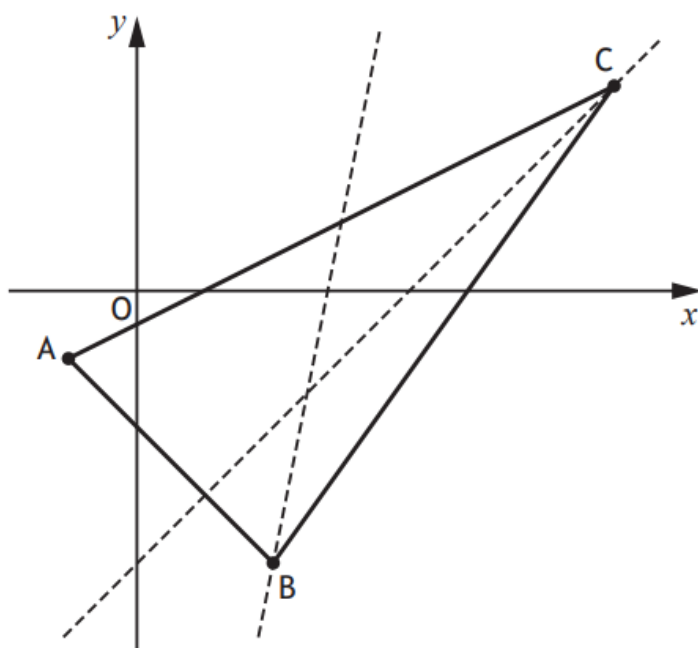
(a) Find the equation of the altitude through C.   **3**

(b) Find the equation of the median through B.   **3**

(c) Determine the coordinates of the point of intersection of the altitude through C and the median through B.   **2**

Answers:

(a) $y = x - 4$

(b) $y = 5x - 14$

(c) $(2.5, -1.5)$