Triangle ABC has vertices A $(-9, -14)$, B $(9, 20)$ and C $(21, -24)$.
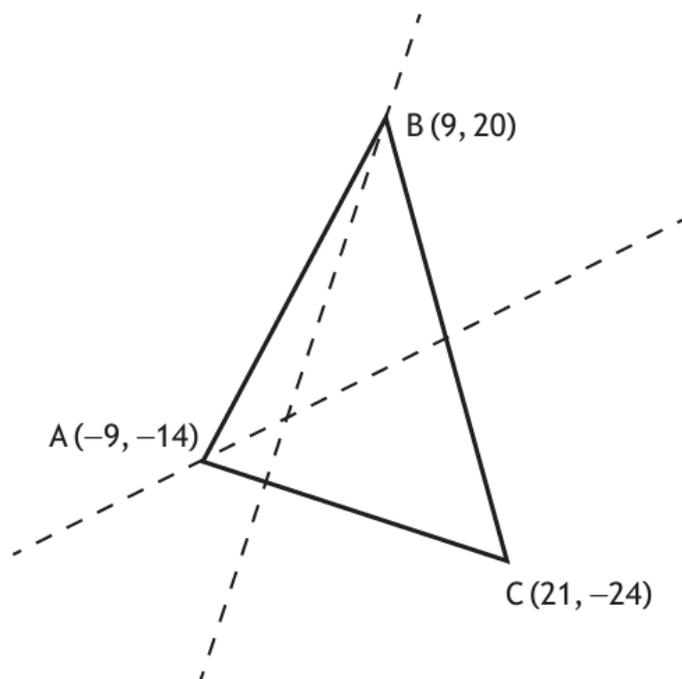
(a) Find the equation of the altitude through B.   **3**

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

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

Answers:

(a) $y = 3x - 7$

(b) $2y = x - 19$

(c) $(-1, -10)$