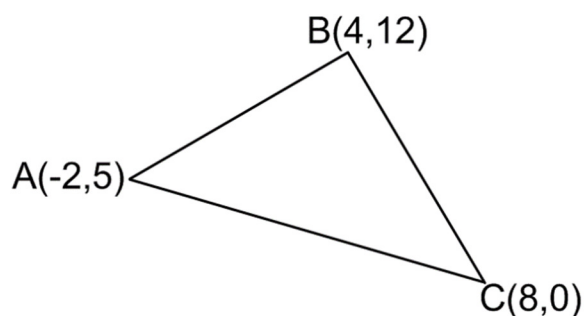
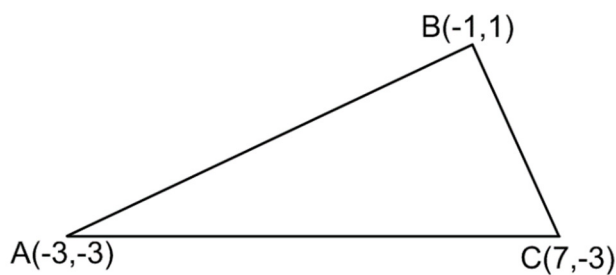


The Equation of Medians

1. In triangle ABC, find the equation of the median through A.



2. A triangle has vertices X(-2, -3), Y(6, 1) and Z(5, 8). Find the equation of the median through Z.
3. Find the equations of all three medians in the triangle with vertices A(2, 6), B(8, -4) and C(-2, 4).
4. Using the triangle ABC, shown,



- (a) Prove that The vertex at B is right angled.
(b) Find the equations of medians AD and BE.
(c) Find the point of intersection of AD and BE.