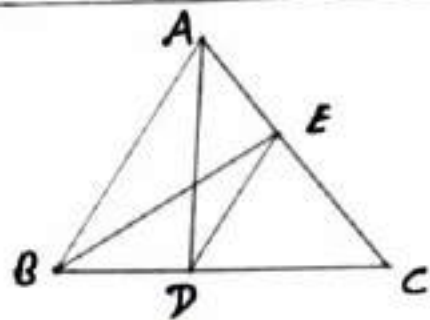
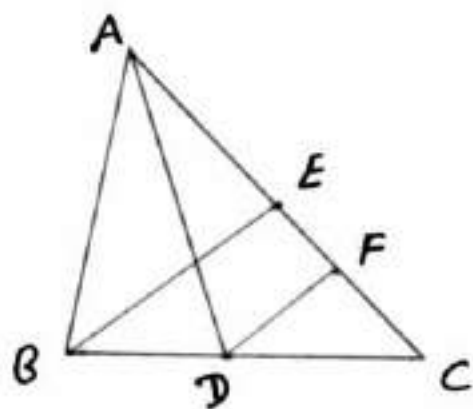


Ch-8 Quadrilaterals, Assignment Part-7

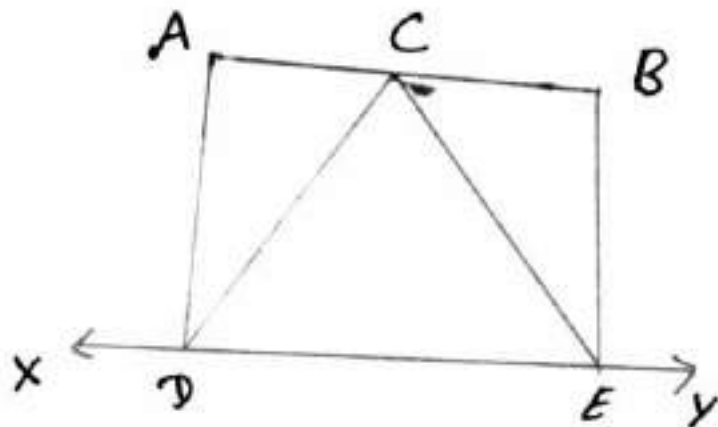
Q.23- In the adjoining figure, AD is a median of $\triangle ABC$ and $DE \parallel BA$. Show that BE is also a median of $\triangle ABC$.



Q.24- In the adjoining figure, AD and BE are the medians of $\triangle ABC$ and $DF \parallel BE$. Show that $CF = \frac{1}{4} AC$.



Q.25- In the adjoining figure, two points A and B lie on the same side of a line XY . If $AD \perp XY$, $BE \perp XY$ and C is the midpoint of AB , prove that $CD = CE$.



Q.26- The parallel sides of a trapezium are a and b respectively. Find the length of the line segment joining the midpoints of its nonparallel sides.