

Name : _____

Equation of a Median

Sheet 1

- 1) If $P(-3, 2)$, $Q(-3, -2)$ and $R(1, -2)$ are the vertices of $\triangle PQR$, find the equation of the median \overline{QS} .

- 2) $B(0, -1)$ and $C(2, 3)$ are the vertices of $\triangle ABC$. Determine the equation of the median \overline{AD} , if its slope is -2 .

- 3) $S(2, 5)$, $T(-10, 0)$ and $U(4, -1)$ are the vertices of $\triangle STU$. Find the equation of the median \overline{SV} .

- 4) $D(-5, 3)$ and $E(-3, -3)$ are the vertices of $\triangle CDE$. If the slope of \overline{CF} is $\frac{2}{3}$, determine the equation of the median \overline{CF} .

- 5) If $K(9, 8)$, $L(-15, -14)$ and $M(6, -7)$ are the vertices of $\triangle KLM$, determine the equation of the median \overline{MN} .
