Equation of a Median

1) C(−13, −8) and D(−11, 5) are the vertices of ΔCDE. Determine the equation of the median $\overline{EF}$, if its slope is $-\dfrac{5}{2}$.

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2) If P(−6, −3), Q(−2, −7) and R(−6, −11) are the vertices of ΔPQR, find the equation of the median $\overline{RS}$.

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3) K(0, 7) and L(−2, 1) ... s −1, find the equation of the median $\overline{MN}$.

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4) A(10, 14), B(5, 8) ar... equation of the median $\overline{AD}$.

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5) T(4, −3) and U(7, −9) are the vertices of ΔTUV. If the slope of $\overline{VW}$ is $\dfrac{2}{9}$, determine the equation of the median $\overline{VW}$.

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