Name : _____

Centroid of a Triangle

1) Determine the centroid of ΔABC, if $\overline{AD}$, $\overline{BE}$ and $\overline{CF}$ are the medians with the equations $5x + 3y = 13$, $y = -4x + 9$ and $y = 3x - 5$ respectively.

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2) What is the centroid of the triangle if the equations of the medians are $3y = -x - 9$ and $8x + 3y = -58$?

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3) If the equations of $4x + y = -2$, find its centroid.

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4) If $\overline{PS}$, $\overline{QT}$ and $\overline{RU}$ ar n by $6y = 7x - 47$, $x - 3y = 21$ and $x -$ f ΔPQR.

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5) In ΔRST, $\overline{SU}$ and $\overline{TV}$ are the medians with the equations $x - 3y = -4$ and $3y = -2x - 8$ respectively. Find the centroid of ΔRST.

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