Name : _____

Centroid of a Triangle

1) If the equations of the medians of a triangle are $6y = x + 11$ and $11x - 6y = -21$, find its centroid.

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2) Determine the centroid of $\triangle BCD$, if $\overline{CE}$ and $\overline{DF}$ are the medians with the equations $y = -8x - 4$ and $y = x - 1$ respectively.

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3) If $\overline{AD}$, $\overline{BE}$ and $\overline{CF}$ ar[...]n by $5x - 6y = 12$, $x + 4y = -8$ and $3x$[...]of $\triangle ABC$.

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4) In $\triangle JKL$, $\overline{JM}$, $\overline{KN}$ are[...] and $y = -2x - 5$ respectively. Find t[...]

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5) What is the centroid of the triangle if the equations of the medians are $6y = -5x - 29$ and $7x - 9y = -29$?

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