Geometry CC - Mr. Valentino
Unit 3 Lesson 2: Centroid Homework!

Name: $\qquad$
Date: $\qquad$ Period: $\qquad$
Centroid Homework - Let's Do This!
In $\triangle \mathrm{LMN}, \mathrm{RL}=21$, and $\mathrm{SQ}=4$.


1. $\mathrm{SN}=$
2. $\mathrm{NQ}=$ $\qquad$
3. $R S=$ $\qquad$
4. $S L=$ $\qquad$

In the diagram, $M S=2 x+17, N S=4 x-26$, and $S P=27$

5. Find $x$
6. Find $M S$
7. Find NS
9. Find PM
10. Find SQ
11. If $K E$ and $I C$ are medians,

Find $x$ if $K L=7 x+1$ and $L E=2 x+5$

12. If ND and $M C$ are medians,

Find $x$ if $N E=x+4$ and $N D=2 x$


