Review Unit 1 Test

Study both quizzes.

* Definitions
* Name planes
* Name rays
* Name opposite rays
* Name angles
* Use Segment Addition Postulate
* Midpoint to find measures
* Bisector to find measures
* Midpoint formula
* Distance formula to find perimeter
* Constructions
* Parallel and Perpendicular lines
* Writing equations of parallel and perpendicular lines
* Identifying parallel and perpendicular slopes

Problems to practice:

1. If AC = 40, then find the value of x and then find AB & BC.



1. Find the perimeter of $∆AFE$



1. Find HG.



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1. Write the equation of a line passing through (-3, 8) and is perpendicular to x + 4y = 10.
2. Two students were paired up working on determining which lines were parallel, perpendicular, or neither. Here are the two equations.

y = 3x - 4 and x + 3y = 6.

Janus worked out the two equations and found them to be perpendicular, and Karen determines them to be neither. Who is correct? Support your answer by showing your work.