

Anexo Nashville School Valle de Ángeles



Worksheet 8th gradell Partial



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Student's Name: _____

Instructions: Read carefully each statements and then prove every single proof (in your notebook), remember follow the steps and justify every single step. And then send to my e-mail watch the videos

1) Write the function given the points: (https://www.youtube.com/watch?v=Sw3BRD3_HYQ)

A (-1 2) B(3 -4) C(-2 5) d (8 1) E (-3, 5) f(4, 6) G(2, 4) H(6,-2)

$$M = \frac{y_2 - y_1}{x_2 - x_1} \quad y - y_1 = m(x - x_1)$$

2) Practice here: <https://www.matematicasonline.es/algebraconpapas/recurso/tests/primerbasico/prbas0103.htm>

3) Graph:

a) $y - 3x = -1$

b) $y = -\frac{5}{2}x + 4$ c) $y = \frac{8}{6}x - 4$ d) $4y - 2x = -16$

4) **Problem:** A high school had 1200 students enrolled in 2003 and 1500 students in 2006. If the student population P ; grows as a linear function of time t , where t is the number of years after 2003.

a) How many students will be enrolled in the school in 2010?

b) Find a linear function that relates the student population to the time t .