

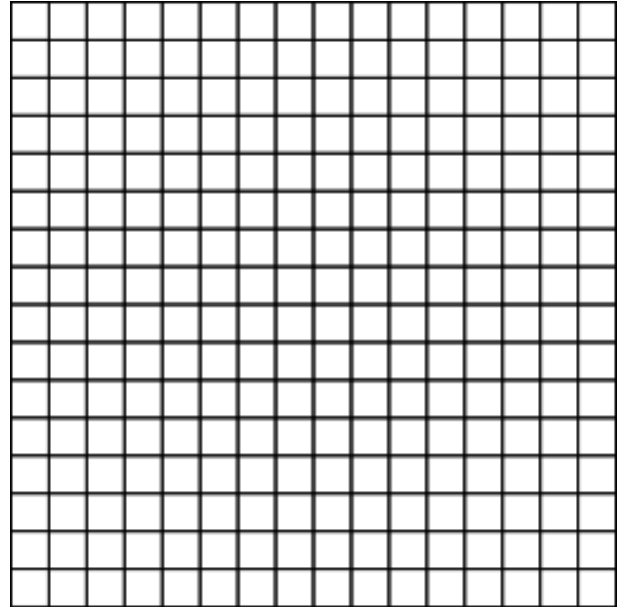
Name: _____ Period: _____ Number: _____

Math 9/9H

HW 3.2/3.3b #1

1) Thomas LOVED his palm tree; not as much as Mendy loves her cactus children, but whatevsies. He planted it in his back yard. After 16 days, the palm tree was 7 inches tall! After 40 days, it was 16 inches tall!!

a) Write an equation to represent his situation; do it however you want.



b) What does the SLOPE in your equation represent?

c) What does the y-intercept represent in the story?

d) Change your equation to standard form and write it below.

Find the equations of these lines given the following information: Write them in STANDARD FORM TOO!

2)
through: $(-3, 3)$ and $(0, -1)$

3)
through: $(-1, -4)$, slope = 4

4)
through: $(2, -5)$ and $(-4, 1)$

5)
through: $(-5, 2)$, slope = -3

