

Name _____

Date _____

Period _____



Writing Equations Test

Slope-Intercept Form, Point-Slope Form, & Standard Form



Part 1: Slope-Intercept Form

Write an equation of the line in slope-intercept form:

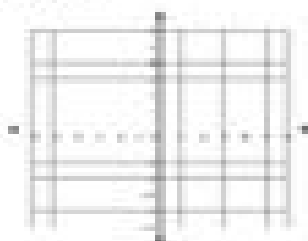
1. $m = 4$; $b = -2$

2. $m = -2/3$; $(3, 8)$

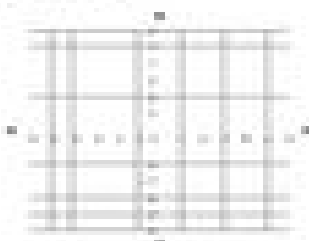
3. $(2, 8)$ & $(5, -4)$

Graph the line of the following equation:

4. $y = -1/2x + 4$

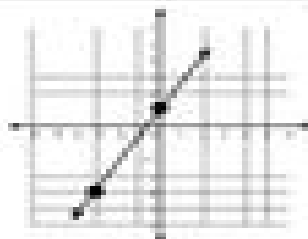


5. $-2x + y = 3$

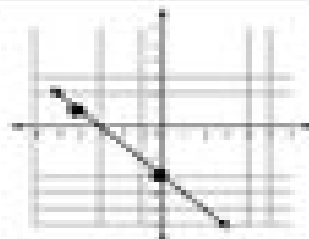


Write an equation of the line in slope-intercept form:

6. _____



7. _____



8. A dog kennel boards dogs for \$4 per day, and will also groom your dog for \$25 once.

a. Write an equation of the line that gives the total cost (in dollars) of boarding a dog and having it groomed once before it comes home. _____

b. Find the total cost if you have your dog groomed and it stays for a week. _____