

Algebra II

3-3

Finding Equations of Lines

slope/intercept form

Find an equation in ~~standard form~~ of the line containing point P and having slope m .

(pg 121)

1) $P(2,3), m = 1$

Find an equation in Slope /Intercept form for the given information.

13) $m = -1; b = 2$

Find an equation in Slope /Intercept form for line through the given points.

19) $(0,0), (5,-2)$

Algebraic Definitions

Parallel -

Perpendicular -

Find the equation of the lines through point P that are parallel and perpendicular to the given line L .

35) $P(2,0)$ $L: x + 2y = 3$

Assignment:

Pg. 121

2-54 even