

Algebra 1

Name _____

HW 4-9 Parallel & Perpendicular Lines

Date _____ Period _____

Write an equation for the line containing the given point and perpendicular to the given line.

1. $(0, 6)$; $y - 3x = 4$

2. $(-2, 4)$; $y = 2x - 3$

3. $(0, 2)$; $3y - x = 0$

4. $(1, 0)$; $2x + y = -4$

Write an equation for the line containing the given point and parallel to the given line.

5. $(-2, 6)$; $x + 2y = 14$

6. $(4, -5)$; $3x + 4y = -20$

7. $(4, -1)$; $x - 3y = -12$