

Mathematics 10
Homework Assignment # 3

1. Write an equation for the following:
 - a) slope of 7, y-intercept of -4
 - b) slope of $-\frac{2}{3}$, y-intercept of 9

2. Write an equation for the line that:
 - a) has a slope of 5 and passes through point (2, 4)
 - b) passes through points (4, 6) and (7, 12)
 - c) passes through points (-2, 1) and (5, 15)
 - d) passes through point (2, 3) and is perpendicular to line $y = -\frac{1}{4}x + 17$