Point-Slope Form (Practice Worksheet)

Write an equation in point-slope form of the line that passes through the given point and has the given slope.

MATCH THE FOLLOWING :

(2, 7); m = -4 $y + 6 = \frac{1}{2}(x - 7)$

(12, 5); m = -3 $y + 2 = 3(x + 6)$

(4, -5); m = 6 $y + 5 = 6(x - 4)$

(-6, -2); m = 3 $y - 5 = -3(x - 10)$

(7, -6); m = $\frac{1}{2}$ $y - 7 = -4(x - 2)$