Perpendicular and Parallel Lines

Find the equation in point-slope form of the line parallel to the given line through the point

$$y = 3x - 2$$
 (0, 3) $m =$

$$2x + 3y = 12$$
 (-3, 1) $m =$

Find the equation in point-slope form of the line parallel to the given line through the point

$$y = \frac{-2}{3}x - 10$$
 (2, -3) m =

$$3x + 5y = 10$$
 (5, -1) m =

Find the equation in point-slope form of the line perpendicular to the given line through the point

y = 3x - 2	(0, 3)	m =

$$5x + 2y = 14$$
 (-3, 1) m =

Find the equation in point-slope form of the line perpendicular to the given line through the point

$$y = \frac{3}{5}x - 10$$
 (-2, 7) m =

$$5x + 6y = 12$$
 (-9, -5) m =