Name, date, and period required to receive credit!

Name _____ Date _____ Period _____

Parallel and Perpendicular Lines (Write Equations)

Find the equation of a line passing through the given point and parallel to the given equation. Write your answer in slope-intercept form.

1) (5 , -1) and $2x + 3y = -9$ Answer: _____	5) (-3 , 4) and $x + 4y = 32$ Answer: _____
2) (-2 , 2) and $y = 3x + 2$ Answer: _____	6) (1 , -5) and $y = \frac{5}{2}x - 4$ Answer: _____
3) (0 , 1) and $y = \frac{7}{4}x - 3$ Answer: _____	7) (-3 , 2) and $y = \frac{1}{2}x + 3$ Answer: _____
4) (3 , -2) and $-2x + 3y = 21$ Answer: _____	8) (1 , -4) and $4x + 3y = 3$ Answer: _____