

Name : _____

Score : _____

Teacher : _____

Date : _____

Perpendicular Lines

Find the equation of a line passing through the given point and perpendicular to the given equation.

Write your answer in slope-intercept form.

1) (4 , 0) and $-6x + 5y = -10$ Answer: _____	5) (2 , 3) and $3x + y = -12$ Answer: _____
2) (5 , 4) and $y = 2x - 4$ Answer: _____	6) (3 , 2) and $y = \frac{7}{3}x + 5$ Answer: _____
3) (-1 , 4) and $-5x + 2y = 6$ Answer: _____	7) (-1 , 2) and $y = -\frac{2}{3}x - 2$ Answer: _____
4) (4 , -5) and $y = -\frac{7}{3}x + 4$ Answer: _____	8) (0 , -1) and $-4x + 3y = -6$ Answer: _____

