

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

