

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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

