

5-4 Equations of Perpendicular Lines

Name _____ Per. ____

Write an equation of the line that passes through the following points and is perpendicular to the equations given.

1. $(-9, 3)$ and $y = \frac{3}{4}x + 4$

2. $(2, 5)$ and $y = -2x - 7$

3. $(-5, -6)$ and $3x + 2y = -6$

4. $(-8, 3)$ and $x - 4y = 12$

5. $(-2, 1)$ and $y = 6$

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