

Paper Practice 5.2 (Part 2)**Writing Equations in Standard Form / Parallel & Perpendicular Lines**

Write each equation in standard form.

1. $y - 4 = -\frac{3}{5}(x + 10)$

2. $2y + 3x = 2(5x - 3y + 4)$

3. $y = \frac{1}{4}x - 2$

Write an equation in standard form for the line that passes through the given points.

4. $(2, -8), (6, 10)$

Write an equation in slope-intercept form for the line that passes through the given point and is parallel to the graph of the equation.

5. $(1, -3); y = -2x + 5$

6. $(3, 7); y = 3x + 7$

Write an equation in slope-intercept form for the line that passes through the given point and is perpendicular to the graph of the equation.

7. $(-8, -1); y = -\frac{1}{4}x + 7$

8. $(-6, 12); y = \frac{2}{3}x - 1$