

5-6 Parallel & Perpendicular LinesFor 1-5, write the equation of the line described, in **slope-intercept form**:1. parallel to $y = 2x - 7$ and passing through $(-3, -1)$ 2. parallel to $y = \frac{5}{3}x - 3$ and passing through $(-3, 4)$ 3. perpendicular to $y = -2x - 3$ passing through $(-10, 3)$.4. perpendicular to $y = -\frac{3}{5}x + 4$ passing through $(-9, -1)$.5. Write the equation of a line parallel to $-4x + 5y = -20$, passing through $(10, 2)$