**Write an equation for the line that is parallel to the given line and that passes through the given point.**

1. $y=6x-2;(0,0)$ 2. $y=-\frac{7}{2}x+6;(-4, -6)$

3. $y=-2x+3;(-3, 5)$ 4. $y=-3x;(3,0)$

**Write an equation for the line that is perpendicular to the given line and that passes through the given point.**

5. $y=2x+7;(0,0)$ 6. $y=-\frac{1}{3}x+2;(4,2)$

7. $3x+5y=7;(-1, 2)$ 8. $4x-2y=9;(8, -2)$