Write the slope-intercept form of the equation of each line given the slope and $y$-intercept.

1) Slope $=-\frac{1}{5}, y$-intercept $=-2$
2) Slope $=-\frac{8}{3}, y$-intercept $=4$
3) Slope $=-5, y$-intercept $=-5$
4) Slope $=-\frac{3}{5}, y$-intercept $=1$

Write the slope-intercept form of the equation of the line through the given point with the given slope.
5) through: $(-2,0)$, slope $=1$
6) through: $(5,-4)$, slope $=-\frac{1}{5}$
7) through: $(-1,4)$, slope $=-7$
8) through: $(1,0)$, slope $=3$

## Write the slope-intercept form of the equation of the line described.

9) through: $(2,3)$, parallel to $y=\frac{3}{2} x-5$
10) through: $(4,4)$, parallel to $x=0$
11) through: $(5,-4)$, parallel to $y=-\frac{3}{5} x+3$
12) through: $(-1,4)$, perp. to $y=\frac{1}{8} x+4$
13) through: $(4,1)$, perp. to $y=-\frac{5}{2} x-5$
14) through: $(5,-4)$, perp. to $y=x-3$
15) through: $(4,3)$, perp. to $y=-\frac{1}{7} x-2$
