

General Form

Write the standard form of the equation of the line through the given point with the given slope.

1) through: $(3, 0)$, slope = $\frac{5}{3}$

2) through: $(-1, -3)$, slope = 8

3) through: $(4, -5)$, slope = $-\frac{1}{2}$

4) through: $(-4, 4)$, slope = $-\frac{9}{4}$

Write the standard form of the equation of the line through the given points.

5) through: $(3, 1)$ and $(-4, -4)$

6) through: $(3, -3)$ and $(-5, 3)$

7) through: $(-1, -2)$ and $(3, 5)$

8) through: $(-5, -1)$ and $(3, 2)$