

Writing Linear Equations

Write the slope-intercept form of the equation of each line.

1a) $3x - 2y = 6$

1b) $3x + 5y = 12$

2a) $3x + 2y = 7$

2b) $x + 3y = 6$

3a) $3x + 2y = 7$

3b) $3x + 2y = 7$

4a) $3x + 2y = 7$

4b) $3x + 2y = 7$

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

5a) through $(3, 2)$, slope $m = 7$

5b) through $(2, -4)$, slope $m = 3$

6a) through $(-2, 5)$, slope $m = -4$

6b) through $(3, 5)$, slope $m = \frac{3}{4}$