(a) 2x - 3y = 9	(f) $2x - 3y = 11$	(I) $x + y = 8$
(b) $2x + y = 9$	(g) $3x - 4y = 5$	(m) $3x + 2y = 6$
(c) $5x - 9y = 11$	(h) $y = x - 1$	(n) $2x - 3y = 9$
(d) $3x + 2y = 6$	(i) $y = 2x$	(o) 2x + y = 9
(e) $x - 4y = 9$	(j) 5x−9y = 11	(p) $5x - 2y = 13$
	(k) $x - y = 4$	

2. Determine the equation of the line through the given points.

	(0, 9), (-1, 2)		(2, 4), (-1, 3)
(b)	(-5, 4), (8, 2)	(f)	(12, -3), (-7, 6)
(c)	(11, 6), (4, -22)	(g)	(0, -8), (0, 0)
(d)	(4, 0), (0, 4)	(h)	(2, 4), (-7, 6)

3. Determine the equation of the line with the given slope m through the specified point.

(a) $(0, -8), m = \frac{2}{3}$	(c) (3, 11), m = −5
(b) $(-7, 6), m = -4$	(d) $(12, -3), m = -\frac{3}{5}$
	(e) (2, 4), m = 0

3. Determine the equation of the line based on the information provided.

(a) Through the point (0, -8) and parallel to the line with slope $m = \frac{2}{3}$.

- (b) Through the point (-7, 6) and perpendicular to the line with slope m = -4.
- (c) Through the point (12, -3) and parallel to the line 3y 7x = 8.
- (d) Through (2, 4) and perpendicular to the line 8x + 9y = 3
- (e) Through the point (9, 5) and parallel to the line y = 5x + 4
- (f) Through the point (4, 8) and parallel to the line 4x 5y 22 = 0
- (g) Through the point (7, -6) and perpendicular to the line 4x 5y 22 = 0
- (h) Through the origin and perpendicular to the line 7y + 9x 8 = 5
- (i) Through the y-intercept of the line 3x 7y = 14 and parallel to the line 3y 7x = 5
- (j) Through the x-intercept of the line 8x 3y = 48 and perpendicular to the line 8x + 3y = 9

5. Determine the x-intercept and the y-intercept for the line.

(a) x−y = 4	(f) $2x - 3y = 11$	(I) x + y = 8
(b) $2x + y = 3$	(g) $3x - 4y = 5$	(m) $3x + 2y = 6$
(c) $x - y + 2 = 0$	(h) $y = x - 1$	(n) $2x - 3y = 9$
(d) $3x + 2y = 5$	(i) $y = 2x$	(o) 2x + y = 9
(e) $x - 4y = 9$	(j) $5x - 9y = 11$	(p) $5x - 2y = 13$
	(k) $x - y = 4$	