

Finding Linear Equations From a Graph



Level 1 - Find the equation of the given graph with y -intercept integer values

Level 2 - Find the equation of the given graph with y -intercept fractional values

Answers:

Level 1

a) $y = 2x - 4$	b) $y = -3x + 5$
c) $y = 2x - 10$	d) $y = -x + 4$
e) $y = x - 7$	f) $y = -2x - 1$
g) $y = x$	h) $y = -3$

Level 2

a) $y = \frac{1}{2}x + \frac{3}{2}$	b) $y = -\frac{3}{4}x + \frac{5}{2}$
c) $y = \frac{5}{9}x - \frac{7}{3}$	d) $y = -\frac{4}{9}x + \frac{7}{3}$
e) $y = -\frac{4}{3}x + \frac{5}{3}$	f) $y = \frac{1}{3}x + \frac{5}{3}$
g) $y = \frac{7}{3}x - \frac{5}{3}$	h) $y = -\frac{5}{4}x - \frac{3}{2}$