

# Finding Linear Equations From a Graph



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

Level 2 - Find the equation of the given graph involving fractional values

## Answers:

### Level 1

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

### Level 2

<b>a)</b> $y = \frac{1}{2}x + \frac{3}{2}$	<b>b)</b> $y = -\frac{5}{6}x + \frac{13}{3}$
<b>c)</b> $y = \frac{9}{17}x - \frac{63}{17}$	<b>d)</b> $y = -\frac{4}{9}x + \frac{40}{9}$
<b>e)</b> $y = -\frac{4}{3}x + \frac{20}{3}$	<b>f)</b> $y = \frac{7}{3}x + \frac{23}{3}$
<b>g)</b> $y = \frac{5}{13}x - \frac{30}{13}$	<b>h)</b> $y = -\frac{17}{4}x - \frac{3}{2}$