

- 1 (a) $3x - 1.5 = 7 \Rightarrow 3x - 1.5 - 7 = 0 \Rightarrow 3x - 8.5 = 0$; $h(x) = 3x - 8.5$.
- (b) Both h and the equation are linear.
- (c) The graph of $h(x) = 3x - 8.5$ is shown in *Figure 1*. It is linear.

$[-10, 10, 1]$ by $[-10, 10, 1]$

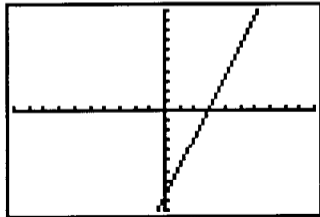


Figure 1