Question	General Equation	Find k	New Equation	Find Value using Equation
A is directly proportional to B, when $A = 10, B = 2$. Find A when $B = 12$.	$A = kB$	$10 = k \times 2$ so $k = 5$	$A = 5B$	$A = 5 \times 12 = 60$
(a) y is directly proportional to x, when $y = 55, x = 5$. Find y when $x = 9$				
(b) N is directly proportional to L, when $N = 1.8, L = 0.6$. Find N when $L = 2.5$				
(c) y is directly proportional to x. If $y = 5$ when $x = 10$, find y when $x = 60$				

(d) A is directly proportional to B and when $A = 12, B = 3$. Find A when $B = 20$	(e) h is directly proportional to V and $h = 36$ when $V = 8$. Find h when $V = 44$	(f) y is directly proportional to the x, and $y = 250$ when $x = 5$. Find x when $y = 7.5$	(g) y is directly proportional to x. When $x = 2, y = 64$. Find x when $y = 80$