



Q	Answer	Marks
1	a) 50 b) 15	4
2	a) 28 b) 6	3
3	a) 56 b) 15	4
4	$x = \frac{y-9}{2}$	2
5	$k = 5(m + 2)$	2
6	a) $r = C/(2\pi)$ b) $b = P/2 - a$ c) $x = 3y - 4$	3
7	$x = 7, y = 4$	3
8	$x = 3, y = 2$	3
9	cookie 70p, drink 90p	3
10	$x = 4, y = 2$	3
11	$x = \frac{c}{a-b}$	3
EXTENSION QUESTIONS		
12	a) $t = (a + 5)/(b - 3)$ or $t = (-5 - a)/(3 - b)$ b) $x = (3y + 1)/(y - 2)$	5
13	$x = 6, y = 3$	4
EXTENSION QUESTIONS		
14	£15	5

Full worked solutions, written out by hand, are on the solutions sheet for this topic.