

Topic Test 1 Mark Scheme

Simultaneous equations - Foundation

Q	Answer	Mark	Comments
1	(5.5, 2.5)	B1	
2	(7.5, 1.5)	B1	
3	$2x + y = 180$ and $x + y = 130$	B1	
4	$x = 50$	B1	
	$y = 20$	B1	
5	(Bun =) 80p	B1	
	(Tea =) £1.20	B1	
	3.20	B1	
6	$4x + 2y = 26$	M1	$2x + 4y = 34$
	$x = 3$	A1	$y = 7$
	$y = 7$	A1ft	$x = 3$
7a	(1, 3)	B1	
7b	(0, 1)	B1	
8	$c + d = 22$	M1	oe
	$d - c = 3$	M1	oe
	$d = 13$	A1	DVD = 13
	$c = 9$	A1	CD = 9

Q	Answer	Mark	Comments
9	$y = 2x + 10$ and $3x = y + 15$	M1	oe
	$3x = 2x + 10 + 15$	M1dep	
	25	A1	