

Question		Answer	Marks	Part Marks and Guidance	
1	(a)	Correct shading or label	1	Any subset of the correct area shaded	
	(b)	Correct line Correct shading or label	M1 A1	Any subset of the correct area shaded	Overlay available
	(c)	Price of coffee > price of muffin Both multiples of 50p Coffee 1.00, 1; Muffin 0.50, 50p	1 1 1	Do not condone poor money notation but accept 0.50p  Or <b>SC2</b> for $\pounds 1 < \text{price of coffee} \leq \pounds 1.11$ and price of muffin = $\pounds 2 - \text{coffee}$ Or <b>SC1</b> for $\pounds 1 \leq \text{price of coffee} \leq \pounds 1.11$  And if < 2 scored allow extra <b>SC1</b> for $y = x$ drawn	eg $\pounds 0.5$  Mark LHS or RHS to candidate's advantage  From main scheme or SC

2	(a)	Correct line	2		
	(b)	Correct region indicated	2	<b>B1</b> for identifying both lines e.g. by shading	
	(c)	2 and 1	1		

3	(a)	$x \geq 5$	1	Condone > Allow $5 \leq x$	If $x = \geq 5$ or $x = > 5$ penalise first time only in all 3 parts  If candidate clearly labels all shaded regions in (a), (b) and (c) as 'unwanted' oe penalise first time thereafter condone
	(b)	$y \leq 2$	1	Condone <	
	(c)	$y \leq x$	1	Condone < If <b>0</b> scored in all three parts allow <b>SC1</b> here if <i>all</i> signs reversed	

4	(a)		Ruled line (continuous or dashed) through (50, 0) and (0, 60)	2	<b>B1</b> for ruled diagonal line passing through (50, 0) or (0, 60) or correct full line not ruled or short line	Put NR only if grid bare Ignore extra lines
	(b)	(	$y > 2x$ oe $y < 70$ oe	1 1	If more than two inequalities mark the best two <b>SC1</b> if correct but includes equals on both	Treat $y < 70 < x$ as $y < 70$ and $70 < x$
		(ii)	2 correct ruled lines (continuous or dashed) and shade the 2 regions NOT required	3FT	<b>B1</b> for each line, accept correct answer or FT <i>their</i> linear inequalities	The shading depends on getting <b>B2</b> for the lines
	(c)	(	$y < 2x$ or (30, 50) is in the shaded region or for 30 adults there would be more than 60 children	1	Answer in symbols or words, accept the best part and condone use of 'twice as much'	
		(ii)	Any correct pair eg (5, 61)	1	Any point in correct region, not on lines	