Question Number	Answer		Marks
3	$y = \frac{1}{5}(22-6x)$	OR $5x^2+5xy-15x=10$	M1
		$5y = 22-6x$	
	$x^2+\frac{x}{5}(22-6x)-3x=2$	$5x^2+x(22-6x)-15x=10$	M1
	$x^2-7x+10=0$		A1
	$(x-2)(x-5)=0$		M1
	$x=2,\quad x=5$		A1
	$x=2 \Rightarrow y=2,\ \ x=5 \Rightarrow\ y=-\frac{8}{5}$		A1
			[6]

Notes

M1 for re-arranging the linear equation to read y = ... or x = ...OR multiplying the quadratic by 5 so the linear can be substituted without re-arrangement

M1dep for substituting to obtain a quadratic in a single variable (either y or x)

A1 for a correct 3 term quadratic. Need not have 0 on one side.

$x^2-7x+10=0$ or $5y^2+2y-16=0$ or any equivalent

M1dep for solving their quadratic by any valid means inc calculator (see initial notes)

Dependent on both previous M marks.

A1 for any 2 correct values, can be both x, both y or a pair consisting of one of each

A1 for the other 2 correct values