

Activity 1 record sheet

First Question

Working	AO1	AO2	AO3	AO4	AO5
(a)					
$2x^2 + 3x = \frac{1}{2}x + 3$					
$4x^2 + 5x - 6 = 0$					
$(4x - 3)(x + 2) = 0$					
$x = \frac{3}{4}$ or $x = -2$					
$y = \frac{1}{2} \times \frac{3}{4} + 3 = 29/8$					
or $y = \frac{1}{2} \times (-2) + 3 = 2$					
(b)					
$x \leq 3/4$ or $x \geq -2$					

Second question

Please give marks for each part to the AOs

Part	Mark	AO1	AO2	AO3	AO4	AO5
(a)	4					
(b)(i)	1					
(b)(ii)	2					