

Question	Scheme	Marks	AOs
2	Attempt to differentiate	M1	1.1a
	$\frac{dy}{dx} = 4x - 12$	A1	1.1b
	Substitutes $x = 5 \Rightarrow \frac{dy}{dx} = \dots$	M1	1.1b
	$\Rightarrow \frac{dy}{dx} = 8$	A1ft	1.1b

(4 marks)

**Notes:**

**M1:** Differentiation implied by one correct term

**A1:** Correct differentiation

**M1:** Attempts to substitute  $x = 5$  into their derived function

**A1ft:** Substitutes  $x = 5$  into **their** derived function **correctly** i.e. Correct calculation of their  $f'(5)$  so follow through slips in differentiation