

Question		Answer	Marks	AOs	Guidance	
6		$F[x] = 3x + \frac{4x^{\frac{3}{2}}}{\frac{3}{2}}$ <p style="text-align: center;">oe</p> $F[9] - F[0]$ $27 + \frac{4 \times 2 \times 27}{3} = 99$	<p>M1</p> <p>A1</p> <p>B1</p> <p>B1</p> <p>[4]</p>	<p>2.1</p> <p>1.1</p> <p>1.1</p> <p>2.4</p>	<p>Attempt at integration; sight of (first term) kx or (second term) $kx^{\frac{3}{2}}$</p> <p>Dep M1; ft their F(x); Accept $27 + 72 = 99$</p> <p>AG</p>	<p>Allow $+c$</p> <p>Must see convincing arithmetic for award of final mark</p>