

2			<p>When $x = 0$ $e^0 - 5 \times 0^3 = 1 > 0$</p> <p>When $x = 1$ $e^1 - 5 \times 1^3 = e - 5 < 0$</p> <p>So [as the function is continuous and there is a change of sign] there is a root between 0 and 1</p>	<p>M1</p> <p>E1</p> <p>[2]</p>	<p>1.1a</p> <p>2.2a</p>	<p>Attempting to evaluate the function at both values</p> <p>Conclusion from correct values</p>	