			$\cos^{ }\theta$ $\cos\theta$ $\cos\theta$ $\cos\theta$ **A1**			statement that is correct
4	**(a)**		$1 + 4x + 6x^2 + 4x^3 + x^4$	**B1** **[1]**	**1.1**	
4	**(b)**		$(1 + 0.002)^4 =$ $1+0.008+0.000024+ 0.000000032 +1.6\times10^{-11}$ $= 1.008024032016$ $1002^4 = 1\,008\,024\,032\,016$ or $\quad 1.008\,024\,032\,016 \times 10^{12}$	**M1** **A1** **A1** **A1** **[4]**	**3.1a** **1.1** **1.1** **2.1**	Attempt subst $x = 0.002$ in their expansion Correct values for all terms, not just correct expressions cao. No working, or inadequate working, no marks $(1000+2)^4$ scores no marks $(1001 + 1)^4$ unless a complete solution is seen to an exact answer