2	(a)	Find the coefficient of x^5 in the expansion of $(3-2x)^8$.	[1]
	(b)	(i) Expand $(1+3x)^{0.5}$ as far as the term in x^3 .	[3]
		(ii) State the range of values of x for which your expansion is valid.	[1]
		A student suggests the following check to determine whether the expansion obtained part (b)(i) may be correct.	in
		"Use the expansion to find an estimate for $\sqrt{103}$, correct to five decimal places, and computing with the value of $\sqrt{103}$ given by your calculator."	are
		(iii) Showing your working, carry out this check on your expansion from part (b)(i).	[3]