ding powers of x , giving (4)	each term in its simple
your answer to 5 decimal	Use your expansion to places.
(3)	places.

(a) Find the first 4 terms, in ascending powers of x , of the binomial $(1 + ax)^{10}$, where a is a non-zero constant. Give each term in its simple	st form.
	(4)
Given that, in this expansion, the coefficient of x^3 is double the coefficient of	of x^2 ,
(b) find the value of <i>a</i> .	
	(2)

giving each term in its simplest form.	(4)



Leave	
blank	

(a) Find the first 3 terms, in ascending powers of x , of the binomial ϵ	expansion of
$(2+kx)^7$	
where k is a constant. Give each term in its simplest form.	(4)
Given that the coefficient of x^2 is 6 times the coefficient of x ,	
(b) find the value of k .	(2)

and simplify each term.	(4)

(a) Find the where <i>a</i>	first 4 terms, in ascending powers of x , of the binomial expansion of $(1 + is a constant)$. Give each term in its simplest form.	(4)
		(4)
Given that th	ne coefficient of x^2 in this expansion is 525,	
(b) find the	possible values of a.	
(b) That the	possible values of a.	(2)
		_

