1.3	1 Solve the following congruence	
	d $19x \equiv 1 \pmod{36}$	
	Ans	
	4 Solve the following congruence: $20x \equiv 12 \pmod{72}$	
	Ans	
	7 The smallest positive solution of the congruence $ax \equiv 0 \pmod{n}$ is called order of a modulo n . Find the additive orders of each of the following especially solving the appropriate congruences.	
	b 7 modulo 12	
	Ans	
	d 12 modulo 18	
	Ans	
	14 Find the units digit of $3^{29} + 11^{12} + 15$. Hint: Choose an appropriate modulus n , and then reduce modulo n .	
	Ans	
	16 Solve the following congruences by trial and error.	
	a $x^3 + 2x + 2 \equiv 0 \pmod{5}$	
	Ans	
	20 Solve the following system of congruences.	
	$2x \equiv 5 \pmod{7}$ $3x \equiv 4 \pmod{8}$	
	Ans	