

Name:		Class:														
	Con	nplete ar	te an increasing number pattern													
Complete the follo	owing increasi	ng numb	er pati	terns.												
4 6 10 16																
4, 6, 10, 16,																
										+						
1, 4, 10, 19,																





a.

b.

Name:												Class:															
Complete an increasing number													r pattern)-					
npl	lete	the	e fo	llov	ving	jino	crea	sin	g n	um	ber	ра	tter	ns.													
4. (6. 10	0, 16	5.																								
		st of					to t	he r	atte	ern.																	
		rom									d.																
		rom										nd s	o or														
		king													e se	que	ence										
		me, v														2											
										4 ↑		6		10		16	1	†		1		↑					
											+2 ↑		+4 ↑		+6 ↑		+8 ↑		+10 ↑		+12 ↑		1				
												2		+2		+2		+2		+2		+2					
Nov	w, le	ts co	mp	lete	the	sequ	uend	e.																			
	8																										
	4		6		10		16		24		34		46														
		+2 1		+4		+6 ↑		+8 ^		+10 ↑		+12															
		-	+2		+2		+2		+2		+2																
											5	o, t	he (om	ple	te s	equ	enc	e is	4, 6	, 10	, 16,	24,	34,	46.		
1, 4	1, 10), 19	, <u> </u>		,																						
Leť	's fir	st of	all	find	the	patt	ern.																				
Goi	ng f	rom	1 tc	4, v	ve s	ee th	nat 3	wa	s ad	ded																	
Goi	ng f	rom	4 to	o 10,	we	see	that	6 w	as a	dde	d a	nd s	o or	١.													
So,	lool	king	at t	he p	atte	rns (of n	umb	ers	that	we	ado	ed t	o th	e se	que	ence										
eac	h tir	me, v	ve'r	e ad	ding	by	plus	3.																			
	1		1		10		10																				
	1	+3	4	+6	10	+9	19	+12	1	+15	1	+18	1	+21	1												
		1	+3	1	+3	19	+3	† IZ	+3	15	+3	18	+3	1													
			3		13		13		.5		'3		+3														
Nov	v, le	ts cc	mp	lete	the	sequ	iend	e.																			
	1		4		10		19		31		46		64		85												
	1	+3	†	+6	10	+9	13	+12) 	+15	10	+18	1	+21	1												
	1	13		10		13		112		113		LIS		+21 ↑	1	1											

So, the complete sequence is 1, 4, 10, 19, 31, 46, 64, 85