	Mobius N							Vath Club Name:								
,			m	bi	US	1	Fir	nd the ter pat	m for n= tern (first	13 in term	this i is n	decreasi =1)	ng			
Math Decrea	workshee asing Aritl	et on <i>'Pat</i> hmetic Pa		32, 30, 28, 26, 24												
broader unit on 'Patterns and Sums - Advanced'							<b>a</b> 10			b	<b>b</b> 131,072					
Learn online: app.mobius.academy/math/units/patterns_and_sums_advanced/								4			7					
						е		8		f		32				
2 Fir	nd the ter patt	m for n=1 ern (first 51, 29, 2	0 in this term is n 7, 25	decreasi =1)	ng	<b>3</b> F	Find t	he term f 8	or n=8 in (first terr 37, 81, 7	n this m is r 75, 6	decr n=1) 9	easing p	attei	'n		
а	4			<b>b</b> 13		a		b	С	d		e	f			
С	15,872		<b>d</b> 16				44	42	59	46		49	45	45		
e	18		<b>f</b> 49													
4 Find t	he term f	or n=8 in (first tern	this decr i is n=1)	easing p	attern	5 Fin deci	d the t easing	erm for n=14 9 pattern (firs n=1)	4 in this st term is		63, 5	9, 55, 51,	47			
23, 21, 23, 23								11			<b>b</b> -41					
a	b	С	d	e	f	C		4,227,858,432			<b>d</b> 12					
10	-13	15	20	12	3,712	e		10			24					
6 Find t	he term f	or n=9 in (first tern 5, 42, 39	this decr n is n=1) 9, 36	easing pa	attern	<b>7</b> F	Find t	he term f 7	or n=8 in (first terr 73, 68, 6	n this m is r 63, 5	decr 1=1) 8	easing p	attei	'n		
а	23		b	<b>b</b> 295,245		а		5,703,125			<b>b</b> 40					
С	24		d	d 21		С		43			<b>d</b> 42					
е	<b>e</b> 29			<b>f</b> 13				31			f 38					

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