

## mobius

## Patterning - Term Value from Rule for Increasing Arithmetic Pattern



1	Find the term for this pattern rule n=	e (first term is	2	Find the term for n=8 given this pattern rule (first term is n=1)		
Start at 2 and add 5 for each term	A 54	B 61	Start at 1 and add 4 for each term	A 27	B 16,384	
	<sup>C</sup> 57	D 97,656,250		c 29	D -27	
	E 13	F 60		E 25	F 36	
3	Find the term for n=13 given this pattern rule (first term is n=1)		4	Find the term for n=9 given this pattern rule (first term is n=1)		
Start at 3 and add 2 for each term	A 30	B -21	Start at 1 and add 2 for each term	A 14	B 256	
	c 32	D 12,288		c 20	D 12	
	E 75	F 27		E -15	F 17	
5	Find the term for n=13 given this pattern rule (first term is n=1)		6	Find the term for n=9 given this pattern rule (first term is n=1)		
Start at 1 and add 6 for each term	A 75	B 2,176,782,336	Start at 2 and add 4 for each term	A -30	B 31	
	c 74	D 76		c 2	D 34	
	E 69	F 73		E 32	F 26	
Find the term for n=13 give this pattern rule (first term n=1)			8	this pattern rule	Find the term for n=13 given this pattern rule (first term is n=1)	
Start at 2 and add 3 for each term	A 33	B 74	Start at 2 and add 2 for each term	A -22	B 25	
	C 1,062,882	D 35		c 29	D 26	
	E 62	F 38		E 2	F 22	