Patterning - Term Value from Rule for Decreasing Arithmetic Pattern

Name

1

Start at 87 and subtract 6 for each term

Find the term for n=13 given this pattern rule (first term is n=1)

A		B	
	11		159
C		D	
	17		15
E		F	
	13		10

2

Start at 86 and subtract 6 for each term

Find the term for n=14 given this pattern rule (first term is n=1)

A		B	
	8		7
C		D	
	-18		13
E		F	
	164		1,123,219,685,37(

3

Start at 85 and subtract 6 for each term

Find the term for n=15 given this pattern rule (first term is n=1)

A		B	
	3		5
C		D	
	1		6,660,953,948,16
E		F	
	6		-13

4

Start at 31 and subtract 2 for each term

Find the term for n=15 given this pattern rule (first term is n=1)

A		B	
	-1		59
C		D	
	3		507,904
E		F	
	5		-39

5

Start at 43 and subtract 3 for each term

Find the term for n=10 given this pattern rule (first term is n=1)

A		B	
	16		70
C		D	
	-2		20
E		F	
	846,369		14

6

Start at 71 and subtract 5 for each term

Find the term for n=11 given this pattern rule (first term is n=1)

A		B	
	23		-19
C		D	
	693,359,375		21
E		F	
	20		17

7

Start at 63 and subtract 4 for each term

Find the term for n=11 given this pattern rule (first term is n=1)

A		B	
	24		103
C		D	
	20		22
E		F	
	23		19

8

Start at 78 and subtract 5 for each term

Find the term for n=11 given this pattern rule (first term is n=1)

A		B	
	128		761,718,750
C		D	
	48		23
E		F	
	24		28