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Math worksheet on *'Patterning - Term Value from Rule for Increasing Arithmetic Pattern (Level 3)'*. Part of a broader unit on *'Patterns and Sums - Advanced'*

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1

Find the term for n=18 given this pattern rule (first term is n=1)

Start at 3 and add 5 for each term

a	-82	b	92
c	88	d	37
e	2,288,818,359,37	f	84

2

Find the term for n=18 given this pattern rule (first term is n=1)

Start at 2 and add 5 for each term

a	85	b	70
c	87	d	88
e	104	f	138

3

Find the term for n=16 given this pattern rule (first term is n=1)

Start at 2 and add 4 for each term

a	-58	b	61
c	58	d	62
e	2,147,483,648	f	60

4

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

Start at 3 and add 3 for each term

a	-36	b	81
c	44	d	43
e	-10	f	42

5

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

Start at 2 and add 3 for each term

a	27	b	28
c	12	d	36
e	118,098	f	32

6

Find the term for n=9 given this pattern rule (first term is n=1)

Start at 1 and add 5 for each term

a	45	b	41
c	42	d	39
e	38	f	43

7

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

Start at 3 and add 6 for each term

a	62	b	60
c	-51	d	30,233,088
e	57	f	84