

**Recursive Formula – Day 3**  
Unit 6: Representations of Linear Relations

**Identify the first term of the sequence and the common difference, and then find the recursive formula.**

1. 39, -61, -161, -261, ...	2. -37, -43, -49, -55, ...
3. -2, -202, -402, -602, ...	4. 5, 105, 205, 305, ...
5. -18, -9, 0, 9, ...	6. -25, -19, -13, -7, ...
7. -18, -11, -4, 3, ...	8. -28, -30, -32, -34, ...
9. 30, 23, 16, 9, ...	10. 37, 34, 31, 28, ...

11. $-25, -21, -17, -13, \dots$	12. $-6, 4, 14, 24, \dots$
13. $15, 9, 3, -3, \dots$	14. $28, -172, -372, -572, \dots$
15. $16, 18, 20, 22, \dots$	16. $-16, -21, -26, -31, \dots$
17. $-26, -33, -40, -47, \dots$	18. $-32, -30, -28, -26, \dots$
19. $3, -2, -7, -12, \dots$	20. $-16, 4, 24, 44, \dots$