

Utilizing the Explicit Formula – Day 2
Unit 6: Representations of Linear Relations

For each of the following find the explicit formula and...

- A. Identify the next three terms
- B. Find the term named in the problem
- C. Find the 52nd term.

1. 38, 43, 48, 53, ... Find a_{22}	2. -32, -35, -38, -41, ... Find a_{20}
3. 38, 45, 52, 59, ... Find a_{31}	4. 8, 38, 68, 98, ... Find a_{38}
5. -21, -18, -15, -12, ... Find a_{24}	6. 4, 14, 24, 34, ... Find a_{30}
7. -28, -18, -8, 2, ... Find a_{28}	8. -39, -34, -29, -24, ... Find a_{33}
9. -30, 70, 170, 270, ... Find a_{38}	10. -22, -29, -36, -43, ... Find a_{35}

11. $-22, -222, -422, -622, \dots$ Find a_{34}	12. $17, 37, 57, 77, \dots$ Find a_{21}
13. $24, 20, 16, 12, \dots$ Find a_{27}	14. $-5, -105, -205, -305, \dots$ Find a_{20}
15. $11, 15, 19, 23, \dots$ Find a_{38}	16. $-1, -101, -201, -301, \dots$ Find a_{29}
17. $-40, -20, 0, 20, \dots$ Find a_{40}	18. $14, 114, 214, 314, \dots$ Find a_{32}
19. $18, 9, 0, -9, \dots$ Find a_{21}	20. $-35, -30, -25, -20, \dots$ Find a_{28}