

Utilizing the Explicit Formula – Day 3
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. 21, 1, -19, -39, ... Find a_{23}	2. 8, 4, 0, -4, ... Find a_{20}
3. 0, -200, -400, -600, ... Find a_{38}	4. -10, 190, 390, 590, ... Find a_{29}
5. 8, -12, -32, -52, ... Find a_{25}	6. 31, 51, 71, 91, ... Find a_{39}
7. -7, -2, 3, 8, ... Find a_{34}	8. 13, -187, -387, -587, ... Find a_{31}
9. 1, -3, -7, -11, ... Find a_{27}	10. 31, 26, 21, 16, ... Find a_{29}

11. $-9, -4, 1, 6, \dots$ Find a_{31}	12. $4, -4, -12, -20, \dots$ Find a_{34}
13. $-1, 19, 39, 59, \dots$ Find a_{40}	14. $26, 6, -14, -34, \dots$ Find a_{32}
15. $-26, 174, 374, 574, \dots$ Find a_{25}	16. $-1, -6, -11, -16, \dots$ Find a_{37}
17. $-14, -214, -414, -614, \dots$ Find a_{28}	18. $-34, -14, 6, 26, \dots$ Find a_{40}
19. $19, 22, 25, 28, \dots$ Find a_{36}	20. $-13, -3, 7, 17, \dots$ Find a_{34}