

Introduction to Arithmetic Sequences – Day 2
Unit 6: Representations of Linear Relations

Determine if the sequence is arithmetic. If it is, find the common difference.

1. 1, 9, 25, 49, ...	2. $-22, -222, -422, -622, \dots$
3. $-33, -63, -93, -123, \dots$	4. 16, 20, 24, 28, ...
5. $-16, -13, -10, -7, \dots$	6. 10, $-90, -190, -290, \dots$
7. 21, 27, 33, 39, ...	8. 26, 28, 30, 32, ...
9. 17, 12, 7, 2, ...	10. 27, 24, 21, 18, ...

11. 33, -167, -367, -567, ...	12. -31, -21, -11, -1, ...
13. -8, -6, -4, -2, ...	14. -4, -104, -204, -304, ...
15. -32, -62, -92, -122, ...	16. -39, -34, -29, -24, ...
17. -31, -41, -51, -61, ...	18. -16, -23, -30, -37, ...
19. -33, -43, -53, -63, ...	20. 14, 146, 1466, 14666, ...