

Introduction to Arithmetic Sequences
Unit 6: Representations of Linear Relations

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

1. $-15, 85, 185, 285, \dots$	2. $27, 30, 33, 36, \dots$
3. $2, 4, 12, 48, \dots$	4. $-28, -31, -34, -37, \dots$
5. $37, 44, 51, 58, \dots$	6. $6, 106, 206, 306, \dots$
7. $30, 37, 44, 51, \dots$	8. $-4, -7, -10, -13, \dots$
9. $-2, -4, -12, -48, \dots$	10. $-22, -31, -40, -49, \dots$

11. 18, -182, -382, -582, ...	12. -24, -26, -28, -30, ...
13. 2, 26, 266, 2666, ...	14. 15, 24, 33, 42, ...
15. -37, -42, -47, -52, ...	16. -31, -37, -43, -49, ...
17. -13, -20, -27, -34, ...	18. 23, 20, 17, 14, ...
19. -25, 5, 35, 65, ...	20. -38, -48, -58, -68, ...