| | | | | | | |
|---|---|---|---|---|---|---|
| **A** | Find the next term in the sequence $2, 6, 10, 14, \dots$ | 18 | **B** | Find the next term in the sequence $4.5, 6, 7.5, 9, 10.5, \dots$ | 12 |
| **C** | Find the next term in the sequence $3, 8, 13, 18, \dots$ | 23 | **D** | Find the next term in the sequence $10, 7, 4, 1, \dots$ | -2 |
| **E** | What are the first three terms of the sequence with first term 8 and term-to-term rule "add 3"? | 8 11 14 | **F** | What are the first three terms of the sequence with first term 5 and term-to-term rule "subtract 2"? | 5 3 1 |
| **G** | Find the 10th term of the sequence with nth term $3n - 7$. | 23 | **H** | Find the 15th term of the sequence with nth term $2n + 11$. | 41 |
| **I** | Find the 4th term of the sequence with nth term $20 - 3n$. | 8 | **J** | Find the 3rd term of the sequence with nth term $-7n - 4$. | -25 |
| **K** | Find the nth term for this sequence: $1, 4, 7, 10, \dots$ | 3n – 2 (3, -2) | **L** | Find the nth term for this sequence: $-7, -9, -11, -13, \dots$ | -2n – 5 (-2, -5) |
| **M** | Find the nth term for this sequence: $0, 3, 6, 9, \dots$ | 3n – 3 (3, -3) | **N** | Find the nth term for this sequence: $21, 24, 27, 30, \dots$ | 3n + 18 (3, 18) |
| **O** | Find the nth term for this sequence: $1, 9, 17, 25, \dots$ | 8n – 7 (8, -7) | **P** | Find the nth term for this sequence: $5, 12, 19, 26, \dots$ | 7n – 2 (7, -2) |
| **Q** | Find the nth term for this sequence: $6, 4, 2, 0, \dots$ | -2n + 8 (-2, 8) | **R** | Find the nth term for this sequence: $13, 7, 1, -5, \dots$ | -6n + 19 (-6, 19) |
| **S** | Find the nth term for this sequence: $16, 13, 10, 7, \dots$ | -3n + 19 (-3, 19) | **T** | Find the nth term for this sequence: $1, 1.5, 2, 2.5, \dots$ | 0.5n+0.5 (0.5, 0.5) |

Add together all your answers to get the three-digit code.
(For $4n - 1$, add $+4$ and $-1$) 197