

1. (NC) Given sequence e.g. 3 6 9 12 15: (i) find next term (ii) complete description (either “multiples” or “3” missing)
2. (NC) Given sequence e.g. 4 7 10 13: find (i) term to term rule (ii) next term
3. (NC) Given sequence e.g. 4 7 10 13: find e.g. 8th term
4. (NC) Given three e.g. matchstick patterns in a pattern sequence: draw/complete next pattern and complete the table of pattern number and number of matchsticks
5. (NC) Given three e.g. matchstick patterns in a pattern sequence: find how many matchsticks in picture number e.g. 7
6. (NC) Given sequence e.g. 19 16 13 10 7: find (i) term to term rule (ii) next term
7. (NC) Given sequence e.g. 4 7 10 13: is 29 a term in the sequence?, explain
8. (NC) e.g. 3 6 9 12 15 has n th term $3n$: write n th term expression for e.g. 4 7 10 13 16
9. (CALC) write down first four terms of sequence where n th term of sequence is e.g. $3n + 1$