

Chapitre 1 – Pour reprendre contact – Réponse exercice 4

$$u_{n-1} = 2(n-1)^2 - (n-1) + 2 = 2(n^2 - 2n + 1) - n + 1 + 2 = 2n^2 - 5n + 5$$

$$u_{n+2} = 2(n+2)^2 - (n+2) + 2 = 2(n^2 + 4n + 4) - n - 2 + 2 = 2n^2 + 7n + 8$$

$$u_{2n} = 2(2n)^2 - 2n + 2 = 8n^2 - 2n + 2$$