

Oefening rijen

ANTWOORDEN

$$1. \sum_{n=3}^{18} \left(3 - \frac{1}{2}n\right) = -36$$

$$2. \sum_{p=2}^{18} 5.1,09^p = 219,64$$

$$3. S(n) = n^3 + 2n + 1 \quad \text{dan} \quad \Delta u(3) = 18$$

$$4. u(n) = 2,4.u(n-1) + 3 \quad \text{en} \quad u(1) = 5 \quad \text{dan} \quad u(5) = 234,84$$

$$5. u(n) = -3n + 5 \quad \text{dan} \quad S(10) = -115$$

$$6. u(n) = 2,84.1,07^n \quad \text{dan} \quad S(10) = 41,99$$

$$7. u(n+2) = u(n+1) + 2.u(n) - 1 \quad \text{en} \quad u(1) = 5 \quad \text{en} \quad u(2) = 7 \quad \text{dan} \quad u(5) = 60$$

$$8. u(1) = 3 \quad u(2) = 5 \quad u(3) = 9 \quad u(4) = 17 \quad u(5) = 33 \quad u(6) = 65 \quad \text{dan} \\ u(19) = 524289$$

$$9. \sum_{k=7}^{10} (k^2 - 2k) = 226$$

$$10. \sum_{k=7}^{100} (3 + (-1)^k) = 282$$