

1 Compute the values for

a. $\sum_{i=-1}^4 3$

b. $\sum_{i=1}^5 \left(\frac{1}{3}\right)^i$

c. $\sum_{i=1}^n 3$

d. $\sum_{i=-3}^n 3$

e. $\sum_{k=0}^n 2^k + \sum_{k=5}^n 2^k$

f. $\sum_{i=0}^n \left(\frac{2}{3}\right)^i + \sum_{i=-4}^n \left(\frac{2}{3}\right)^i$

g. $\sum_{i=1}^n (i^3 + 2 \cdot i^2 - i + 1)$

h. $\sum_{i=5}^n (-4 \cdot i + \frac{i}{5})$

i. $\sum_{j=0}^k \sum_{i=1}^j (i - j^2 - 2)$

j. $\sum_{j=1}^m \sum_{k=1}^j (3 \cdot C + k - 3 \cdot j + i)$

k. $\sum_{l=-4}^n \sum_{j=1}^k \sum_{i=1}^j (i-4)$