

## 3F Sigma Notation

1. Calculate the following:

$$\sum_{r=1}^{20} (4r + 1)$$

2. Find the value of:

$$\sum_{r=1}^{12} (5 \times 3^{r-1})$$

3. Find the value of:

$$\sum_{r=6}^{15} (5 \times 3^{r-1})$$