Arithmetic Series in Sigma Notation

Evaluate each arithmetic series.

1) $\sum_{s=1}^{24} (100s - 25)$

2) $\sum_{t=1}^{48} (7 - 10.2(t - 4))$

3) $\sum_{k=1}^{13} (9 - 73k)$

4) $\sum_{m=1}^{7} (8.4(m + 10) + 12)$

5) $\sum_{q=1}^{42} (95q + 26)$

6) $\sum_{n=1}^{14} (0.7 - 9.8n)$

7) $\sum_{b=1}^{27} \left(-12 + \frac{23(b + 3)}{4}\right)$

8) $\sum_{w=1}^{39} (-5.9(w + 12) - 17.3)$