VD 8.1.2

Find Sum.

1. $\displaystyle\sum_{i=2}^{20} 10(i+1)$	2280
2. $\displaystyle\sum_{i=3}^{10} i(i+1)$	432
3. $\displaystyle\sum_{j=5}^{10} \frac{j!}{j}$	409104
4. $\displaystyle\sum_{j=6}^{12} \frac{j!}{(j-2)!}$	532
5. $\displaystyle\sum_{k=6}^{10} (k+2)k$	410
6. $\displaystyle\sum_{k=3}^{12} (3k+6)$	285
7. $\displaystyle\sum_{k=5}^{15} (2k^2 - k - 1)$	2299