2) $$\sum_{i=0}^{n-1}\sum_{j=i+1}^{n-1} 1 = \sum_{i=0}^{n-1}(n-1)-(i+1)+1 = \sum_{i=0}^{n-1}[n-1-i-1+1] = \sum_{i=0}^{n-1}[n-i-1] =$$

$$= [n-1-0+1][n-1] = n(n-1) \approx \boxed{\Theta(n^2)}$$

11) $$\sum^{n-1}(i^2+2)^2 \quad \sum^{n-1} \quad \sum^{n-1} \quad \sum^{n-1}