Rhino Bonus: The Sum of
$$\sum_{k=1}^{\infty} a_k = \sum_{k=1}^{\infty} \frac{1}{k^2}$$
 and the Sum of $\sum_{k=1}^{\infty} (-1)^{k+1} a_k = \sum_{k=1}^{\infty} \frac{(-1)^{k+1}}{k^2}$

