S T Q Q S S D

1Q d) $g(n) = \frac{1}{1.2} + \frac{1}{2.3} + \dots + \frac{1}{(n+1)(n+2)}$

Resposta: $\begin{cases} g(0) = \frac{1}{2} \\ g(n) = g(n-1) + \frac{1}{(n+1)(n+2)} \quad \text{para } n>0 \end{cases}$