Harmonic Numbers

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$$H_n = 1 + \frac{1}{2} + \frac{1}{3} + \ldots + \frac{1}{n} = \sum_{k=1}^{n} \frac{1}{k}$$

Other notations apart from H_n - h_n , S_n, $\psi(n+1) + \gamma$

$$H_{2^m} \geq 1 + \frac{m}{2}$$

$$\Delta - \delta$$