

Sümmetegnet $\sum$

$$1 + 2 + 3 + \dots + 17 + 18 + 19 + 20 = \sum_{n=1}^{20} n$$

$$1 + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \dots = \sum_{n=1}^{\infty} \frac{1}{n}$$

$$\sum_{n=1}^{\infty} n^2 = 1 + 4 + 9 + 16 + 25 + \dots$$

$$\sum_{n=1}^{\infty} (2n)^2 = \sum_{n=1}^{\infty} 4n^2 = 4 \sum_{n=1}^{\infty} n^2 = 4(1 + 4 + 9 + 16 + \dots)$$