$$\sum_{k=1}^{6} \frac{1}{2^k} = 1.224$$

1 = 0.5

2 = 0.25

3 = ~~0.111~~ 0.166

4 = ~~0.0625~~ 0.125

5 = 0.1

6 = 0.083

$$\sum_{n=1}^{9} \frac{3^n - 1}{n} = 24.171$$

1 = 2

2 = 2.5

3 = 2.666

4 = 2.75

5 = 2.8

6 = 2.833

7 = 2.857142

8 = 2.875

9 = 2.888

$$\sum_{n=1}^{5} \left(\frac{2}{7}\right)^{n-1} = 0.877$$

1 = 0.285714
2 = 0.285714
3 = 0.0816
4 = 0.0233
5 = 0.0066

$\{7, 4^3\}$ $S_n = \frac{7_1(4^7 - 7)}{4 - 7}$

$S_n = \frac{7 \times 16.383}{3}$

$S_n = 5467$

0.6 7.6

$S_n = \frac{0.6_1(2.66^8 - 7)}{2.66 - 7}$

$S_n = 0.6 \cdot$ ~~2,505.47~~ ~~2,087.270~~

$S_n = 1,503.246$