

# Sum of Terms of Geometric Sequence

Find the last term and the sum of each geometric sequence

*just enter the numbers without spaces or comma ( , )*

1. 2, 6, 18, 54, 162, ... to 12<sup>th</sup> term

$$a_n = \underline{\hspace{2cm}} \quad S_n = \underline{\hspace{2cm}}$$

2. 5, 10, 20, ... to 15<sup>th</sup> term

$$a_n = \underline{\hspace{2cm}} \quad S_n = \underline{\hspace{2cm}}$$

3. 3, 9, 27, ... to 11<sup>th</sup> term

$$a_n = \underline{\hspace{2cm}} \quad S_n = \underline{\hspace{2cm}}$$

4. -8, 16, -32, ... to 8<sup>th</sup> term

$$a_n = \underline{\hspace{2cm}} \quad S_n = \underline{\hspace{2cm}}$$

5. -4, -12, -36, ... to 10<sup>th</sup> term

$$a_n = \underline{\hspace{2cm}} \quad S_n = \underline{\hspace{2cm}}$$