

13. For the series $\sum_{n=5}^7 3n$, find the first and the last term.

14. Evaluate the series $\sum_{n=3}^9 4n$.

15. Evaluate the series $1 + 4 + 16 + 64 + 256 + 1024$.

16. Evaluate the series $6 - 24 + 96 - 384 + \dots$

Use the formula to find the sum of the following infinite series

17. $\frac{1}{5} + \frac{1}{10} + \frac{1}{20} + \frac{1}{40} + \dots$

Evaluate the infinite geometric series.

18. $1 + 0.1 + 0.01 + \dots$