1. What is the tenth term of the geometric progression ½, -1, 2, -4?
2. Which series is represented by $\sum\_{i=1}^{4}(4i-2)$
3. What type of series is 32+16+8+4+2+1?
4. What is a rule for the nth term of the geometric sequence with a3= -12 and common ratio r=3
5. What is the sum of the series$\sum\_{i=0}^{9}20(\frac{1}{2})^{i}$
6. What is the sum of the series $\sum\_{i=0}^{5}(n^{3}+3)$
7. What is the rule for the nth term of the arithmetic sequence with a14=9 and common difference d=2
8. What is the sum of the first 50 terms of the series 2+1+32+47+……?
9. Choose the statement that is true about the given quantities.
10. Tenth term of the sequence : an=2n-5 $\sum\_{n=1}^{5}n$
11. The common ratio of the geometric sequence - $\frac{1}{9 } $+ $\frac{1}{3}$ -1 + 3 : $\sum\_{n=3}^{6}(-2)^{n}$