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SEQUENCES AND SERIES WORKSHEETS

1. Find the sum of the first 30 terms of the sequence 3, 5, 7, 9, 11, 13, 15,
2. Find the 13th term of the series 3, 8, 13, 18,



3. Which term of the AP 16, 25, 34, is 97?
4. Calculate the 30th term of the sequence -7, -4, -1,
5. Find the 15th term of the series -4, $-2\frac{1}{2}$, -1, $\frac{1}{2}$, 2, $3\frac{1}{2}$, 5,

(a) $12\frac{1}{2}$ (b) $15\frac{1}{2}$ (c) $18\frac{1}{2}$ (d) $22\frac{1}{2}$

6. For an event the seats are arranged in 10 rows such that there are 10 seats in the first row, 11 in the second row, 12 seats in the third row and so on. How many seats in total are there?
7. The ninth term of 9, 13, 17,..... is _____

(a) 61 (b) 67 (c) 71 (d) 41 (e) 87

8. Three terms are in geometric series such that their sum is 21 and their product is 64. Find the three terms.

9. A virus doubles itself after every two hours. If there are 4 virus in the beginning, how many virus would be there after 16 hours?
10. Three terms are in geometric series such that the fourth term is 9 times the second term. How many times is the third term with respect to the second term?



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in an interesting way,
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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	960
2)	63
3)	10 th term
4)	80
5)	(c) $18\frac{1}{2}$
6)	145

7)	(d) 41
8)	1, 4, 16
9)	4^9
10)	3 times