

Special Sequences *fluency*



Find the next two terms

1 3, 6, 12, 24, ...

2 2, 6, 18, ...

3 80, 40, 20, ...

4 1, 4, 16, ...

5 5, -10, 20, ...

6 0.5, 1, 2, ...



Find the common ratio

7 2, 10, 50, ...

8 64, 16, 4, ...

9 3, -6, 12, ...

10 1, 1.5, 2.25, ...

11 100, 10, 1, ...

12 -2, 8, -32, ...



Each term is the two terms before it added together. Find the next two terms.

13 1, 4, 5, 9, ...

14 3, 3, 6, 9, ...

15 2, 7, 9, 16, ...

16 5, 1, 6, 7, ...

17 0.5, 2, 2.5, 4.5, ...

18 -3, 5, 2, 7, ...



Find the next two terms

19 1, 4, 9, 16, ...

20 1, 8, 27, 64, ...

21 1, 3, 6, 10, ...

22 2, 5, 10, 17, ...

23 0, 3, 8, 15, ...

24 2, 9, 28, 65, ...



Name the type of sequence

25 4, 12, 36, 108, ...

26 7, 11, 15, 19, ...

27 1, 3, 6, 10, 15, ...

28 2, 3, 5, 8, 13, ...

29 1, 8, 27, 64, ...

30 1, 4, 9, 16, 25, ...