

Generating Sequences from the nth term

Find the first 5 terms in each sequence:

1. $2n$

2. $3n$

3. $4n$

4. $4n + 1$

5. $4n + 7$

6. $4n - 2$

7. $4n - 10$

8. $n - 10$

9. $n + 10$

10. $\frac{1}{2}n + 10$

11. $\frac{1}{2}n + 5$

12. $-\frac{1}{2}n + 5$

13. $-\frac{1}{2}n - 5$

14. $-n - 5$

15. $-7n - 5$

16. $-14n - 10$

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Generating Sequences from the nth term: ANSWERS

1. 2, 4, 6, 8, 10

2. 3, 6, 9, 12, 15

3. 4, 8, 12, 16, 20

4. 5, 9, 13, 17, 21

5. 11, 15, 19, 23, 27

6. 2, 6, 10, 14, 18

7. -6, -2, 2, 6, 10

8. -9, -8, -7, -6, -5

9. 11, 12, 13, 14, 15

10. 10.5, 11, 11.5, 12, 12.5

11. 5.5, 6, 6.5, 7, 7.5

12. 4.5, 4, 3.5, 3, 2.5

13. -5.5, -6, -6.5, -7, -7.5

14. -6, -7, -8, -9, -10

15. -12, -19, -26, -33, -40

16. -24, -38, -52, -66, -80

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