Is a term in a given sequence?

1. Is 8 in the sequence $2n$?

2. Is 8 in the sequence $2n + 3$?

3. Is 8 in the sequence $2n + 4$?

4. Is 8 in the sequence $n + 4$?

5. Is 7 in the sequence $n + 4$?

6. Is 7 in the sequence $3n + 4$?

7. Is 7 in the sequence $3n - 4$?

8. Is 7 in the sequence $3n - 8$?

9. Is 6 in the sequence $3n - 8$?

10. Is 5 in the sequence $3n - 8$?

11. Is 4 in the sequence $3n - 8$?

12. Is -1 in the sequence $3n - 8$?

13. Is -2 in the sequence $3n - 8$?

14. Is -2 in the sequence $\frac{1}{2}n - 8$?

15. Is -3 in the sequence $\frac{1}{2}n - 8$?

16. Is -3.5 in the sequence $\frac{1}{2}n - 8$?

Is a term in a given sequence?: ANSWERS

1. Yes
2. No
3. Yes
4. Yes
5. Yes
6. Yes
7. No
8. Yes

9. No
10. No
11. Yes
12. No
13. Yes
14. Yes
15. Yes
16. Yes