

Write either the recursive or explicit formula for each sequence. Can you find the recursive and explicit formulas?

1. 5, 8, 11, 14...

2. 729, 243, 81, 27...

3. 1, 5, 11, 19...

4. 3, 5, 9, 17...

5. -2, 4, -8, 16...

6. 17, 10, 3, -4...

7. 3, 15, 75, 375...

8. 1, 2, 5, 10...

9. 3, 1,  $\frac{3}{5}$ ,  $\frac{3}{7}$ ...

10. 5, -3, 2, -1, 1...

11. 1, 2, 6, 24, 120...

12. 2,  $-\frac{2}{5}$ ,  $\frac{2}{25}$ ,  $-\frac{2}{125}$ ...