Identify each sequence as *arithmetic* or *geometric*. Then find the common difference or common ratio.

1. $13, 19, 25, 31, \ldots$

2. $16, 24, 36, 54, \ldots$

3. $4, 14, 24, 34, .$

4. $1, 4, 16, 64, \ldots$

5. $35, 33, 31, 29, \ldots$

6. $64, 48, 36, 27,$

Find the fifth term of each sequence.

7. $a_1 = 20, a_n = \dfrac{1}{2}a_{n-1} + 2$

8. $a_n = 8n - 5$

9. $a_1 = \dfrac{1}{2}, a_n = 2a_{n-1}$