

## Explicit Sequences

Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the explicit formula.**

1) 27, 227, 427, 627, ...

2) 24, 124, 224, 324, ...

3) -1, -6, -36, -216, ...

4) 4, 24, 144, 864, ...

5) 34, 24, 14, 4, ...

6) -39, -32, -25, -18, ...

7) -2, 4, -8, 16, ...

8) -3, -15, -75, -375, ...

9) 27, 17, 7, -3, ...

10) -8, -3, 2, 7, ...

11) -2, 6, -18, 54, ...

12) 1, 2, 4, 8, ...

**Find the 10th term**

13) 2, 32, 62, 92, ...

14) -24, -27, -30, -33, ...

15) -2, 10, -50, 250, ...

16) -1, -6, -36, -216, ...

17) 40, 48, 56, 64, ...

18) 38, -162, -362, -562, ...

19) -3, -18, -108, -648, ...

20) 1, 5, 25, 125, ...