

Examples: Describe, in words, the rule for continuing each of these sequences.

1) **3, 6, 9, ...**

Add on three each time.

2) **1, 3, 9, ...**

Multiply by three each time.

Exercise: Describe, in words, the rule for continuing each of these sequences.

1. 4, 8, 12, ... **Add on four each time**

9. 9, 18, 36, ... **Multiply by two each time.**

2. 6, 9, 12, ... **Add on three each time**

10. 1, 4, 16, ... **Multiply by four each time.**

3. 17, 14, 11, ... **Subtract three each time.**

11. 24, 12, 6, ... **Divide by two each time.**

4. 5, 10, 20, ... **Multiply by two each time.**

12. 90, 30, 10, ... **Divide by three each time.**

5. 20, 10, 5, ... **Divide by two each time.**

13. 1.2, 2.4, 4.8 ... **Multiply by two each time.**

6. 22, 20, 18, ... **Subtract two each time.**

14. 100, 80, 60, ... **Subtract twenty each time.**

7. 7, 11, 15, ... **Add on four each time.**

15. 2, 13, 24, ... **Add on eleven each time.**

8. 34, 28, 22, ... **Subtract six each time.**

16. 900, 90, 9, ... **Divide by ten each time.**