

**1-9 Skills Practice*****Algebra: Arithmetic Sequences***

Describe the relationship between the terms in each arithmetic sequence.

1. 3, 6, 9, 12... **+3**

2. 1, 3, 5, 7, ... **+2**

3. 1, 2, 3, 4, ... **+1**

4. 0, 7, 14, 21, ... **+7**

5. 2, 5, 8, 11, ... **+3**

6. 5, 10, 15, 20, ... **+5**

7. 0.3, 0.6, 0.9, 1.2, ... **+0.3**

8. 1, 10, 19, 28, ... **+9**

9. 6, 18, 24, 30, ... **+6**

10. 0.5, 2.5, 4.5, 6.5, ... **+2**

11. 3, 7, 11, 15, ... **+4**

12. 0, 4.5, 9, 13.5, ... **+4.5**

13. 11, 22, 33, 44, ... **+11**

14. 11, 22, 33, 44, ... **+11**

Give the next three terms in each sequence.

15. 3, 6, 9, 12, ... **15, 18, 21**

16. 18, 21, 24, 27, ... **30, 33, 36**

17. 7, 10, 13, 16, ... **19, 22, 25**

18. 4, 8, 12, 16, ... **20, 24, 28**

19. 0, 7, 14, 21, ... **28, 35, 42**

20. 7, 12, 17, 22, ... **27, 32, 37**

21. 5, 7, 9, 11, ... **13, 15, 17**

22. 5, 15, 25, 35, ... **45, 55, 65**

23. 21, 42, 63, 84, ... **105, 126, 147**

24. 1.1, 2.2, 3.3, 4.4, ... **5.5, 6.6, 7.7**

25. 0.5, 1.0, 1.5, 2.0, ... **2.5, 3.0, 3.5**

26. 1.7, 1.9, 2.1, 2.3, ... **2.5, 2.7, 2.9**

27. 0.5, 1.5, 2.5, 3.5, ...  
**4.5, 5.5, 6.5**

28. 0.1, 0.2, 0.3, 0.4, ...  
**0.5, 0.6, 0.7**