More Practice: Arithmetic Sequences

What are the next 3 terms in the sequence and find the common difference for the sequence:

1. 6, 15, 24, _____, _____, _____   Common difference =

2. 8.5, 9.3, 10.1, _____, _____, _____   Common difference =

3. 54, 42, 30, _____, _____, _____   Common difference =

Write the first four terms of the given sequence:

4. $a_n = 7 + 3(n - 1)$

5. $a_n = 11 - 2(n - 1)$

6. $a_n = 5 + (n - 1)$

Write the first four terms of the arithmetic sequence with the given bits:

7. $a_1 = 8, d = -2$

8. $a_1 = 4, d = 3$

9. $a_2 = 5, a_5 = 29$

Write the explicit formula for the given sequences:

10. 4, 11, 18, …

11. 8.1, 8.4, 8.7, …

12. 5, 1, -3, …