Name_____Date_____Class_____

Arithmetic Sequences

Determine whether each sequence is an arithmetic sequence.
If so, find the common difference and the next three terms.

1. −10, −7, −4, −1, …

2. 0, 1.5, 3, 4.5, …

3. 5, 8, 12, 17, …

4. −2, −20, −200, −2000, …

Find the indicated term of each arithmetic sequence.

5. 28th term: 0, −4, −8, −12, …

6. 15th term: 2, 3.5, 5, 6.5, …

Find the explicit formula for each arithmetic sequence:

7. 1, 7, 13, 19…

8. 25, 20, 15, 10…