Pattern and Sequence

Find the missing values in each sequence.

1. 4, 7, 10, _____, 16, _____, ____

2. 20, 15, _____, 5, 0, _____, -10, ____

3. 3, 7, 11, _____, 19, _____, ____

4. 6, _____, 18, _____, 30, 36, _____, ____

5. -9, -2, _____, ____, 26, _____

6. 0, _____, -20, -30, _____, ___, -60

7. -2, _____, -8, -11, _____, -20

8. Create a pattern (like the one from the warm up). Create the first three stages of the pattern. Do you know what the next two will look like? What will the 10^{th} ? 50^{th} ? 100^{th} ?