Name: _____

Arithmetic Sequences and Series

1) In the following arithmetic sequences, find the missing terms in the boxes:

1) $2, \square, 26$

2) $\square, 13, \square, 3$

3) $5, \square, \square, 9\frac{1}{2}$

4) $-4, \square, \square, \square, \square, 6$

5) $\square, 38, \square, \square, \square, -22$

2) Which term of the arithmetic sequence: 21, 18, 15, . . . is – 81? Also, is any term 0? Give reason for your answer.

3) Determine the arithmetic sequence whose 3rd term is 5 and the 7th term is 9.

4) Check whether 301 is a term of the list of numbers 5, 11, 17, 23, . . .

5) How many two-digit numbers are divisible by 3?

6) Find the 11th term from the last term (towards the first term) of the arithmetic sequence : 10, 7, 4, . . ., – 62.

7) Find the 10th term of the arithmetic sequence: 2, 7, 12 . . .

8) Which term of the arithmetic sequence: 3, 8, 13, 18, . . . ,is 78?

9) Check whether – 150 is a term of the arithmetic sequence: 11, 8, 5, 2 . .