

9 Advance Mathematics
Lesson – 3.5(Arithmetic Sequences)

Name in English -

1. Use the following arithmetic sequence to find the 7th term of the sequence

$-3, -8, -13, -18, \dots$

$$a = \square$$

$$n = \square$$

$$d = \square$$

$$a_n = \square$$

2. Use the following arithmetic sequence to find the 8th term of the sequence

$-11, -15, -19, -23, \dots$

$$a = \square$$

$$n = \square$$

$$d = \square$$

$$a_n = \square$$

3. Use the following arithmetic sequence to find the 98th term of the sequence

$-2, \quad 3, \quad 8, \quad 13, \dots$

$$a = \square$$

$$n = \square$$

$$d = \square$$

$$a_n = \square$$

4. Use the following arithmetic sequence to find the 125th term of the sequence

$-0.75, -0.5, -0.25, \dots$

$$a = \square$$

$$n = \square$$

$$d = \square$$

$$a_n = \square$$