9 Advance Mathematics

Lesson – 3.5(Arithmetic Sequences)

Name in English -

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

$$-3, -8, -13, -18, \ldots.$$

$a =$ ☐ $\quad n =$ ☐

$d =$ ☐ $\quad a_n =$ ☐

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

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

$a =$ ☐ $\quad n =$ ☐

$d =$ ☐ $\quad a_n =$ ☐

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

$$-2, \quad 3, \quad 8, \quad 13, \ldots.$$

$a =$ ☐ $\quad n =$ ☐

$d =$ ☐ $\quad a_n =$ ☐

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

$$-0.75, -0.5, -0.25, \ldots\ldots$$

$a =$ ☐ $\quad n =$ ☐

$d =$ ☐ $\quad a_n =$ ☐

LIVEWORKSHEETS