

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date: .....

Name: .....

ID No.....

## Assignment

1. In the formula,  $\text{Mode} = 1 + \left( \frac{f_1 - f_0}{2f_1 - f_0 - f_2} \right) \times h, f_2$  is
- (a) frequency of the modal class
  - (b) frequency of the second class
  - (c) frequency of the class preceding the modal class
  - (d) frequency of the class succeeding the modal class

Sol.

---

---

---

---

2. Consider the following distribution:

Marks Obtained	Number of Students
Less than 10	5
Less than 20	12
Less than 30	22
Less than 40	29
Less than 50	38
Less than 60	47

The frequency of the class 50–60 is

- (a) 9                      (b) 10                      (c) 38                      (d) 47

Sol.

---

---

---

---

---

---

---

---