

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date: .....

Name: .....

ID No.....

## 1. Tick the correct answer for each of the following:

i. Which of the following is true?

(a)  $\pi$  is rational

(b) 0 is natural number

(c) 2 is composite number

(d)  $\frac{\sqrt{48}}{\sqrt{12}}$  is rational number

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ii. The decimal expression of the rational number  $\frac{44}{2^3 \times 5}$  will terminate after

(a) one decimal place

(b) two decimal places

(c) three decimal places

(d) more than three decimal places

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## 2. State whether the following statements are true or false. Justify your answer.

i. The product of three consecutive positive integers is divisible by 6.

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ii. The value of the remainder r, when a positive integer a is divided by 3 are 0 and 1 only.

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