

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

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

i. The decimal expansion of an irrational number is

- (a) terminating (b) non-terminating recurring
(c) non-terminating non-recurring (d) none of these

ii. If x and y are the prime numbers, then HCF of $x^2 y^1$ and $x^1 y^2$ is

- (a) $x^2 y^1$ (b) $x^1 y^2$
(c) $x^2 y^2$ (d) $x^1 y^1$

iii. The least number that is divisible by all the numbers from 1 to 10 (both inclusive) is

- (a) 10 (b) 100
(c) 504 (d) 2520

iv. The number $3^{11} - 3^{10}$ is divisible by

- (a) 3 and 13 (b) 3 and 10
(c) 2, 3 and 13 (d) 2, 3 and 10
