

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Assignment

1. Use Euclid's division algorithm to find the HCF of 135 and 225.

Sol.

2. Show that every positive even integer is of the form $2q$, and that every positive odd integer is of the form $2q + 1$, where q is some integer.

Sol.

3. Show that any positive odd integer is of the form $4q + 1$ or $4q + 3$, where q is some integer.

Sol.

4. Using Euclid's division algorithm, find whether the pair of numbers 231, 396 are co-prime.

Sol.
