

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date:

Name:

ID No.....

Assignment

1. Are there two irrational numbers whose sum and product both rational? Justify your answer.

Sol.

2. Represent $\sqrt{7}$ and $-\sqrt{7}$ on a number line.

3. State whether the following statements are true or false? Justify your answer.

(i.) The square of an irrational number is always rational.

(ii.) $\frac{\sqrt{63}}{\sqrt{7}}$ is written in the form $\frac{\sqrt{p}}{\sqrt{q}}$, $q \neq 0$ and so it is a rational number.

(i)

(ii)
