

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Rapid Fire Quiz

State whether the following statements are true or false by tick (✓) marking in the box.

- | | True | False |
|--|--------------------------|--------------------------|
| 1. A linear equation in two variables always has infinitely many solutions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. A pair of linear equations in two variables is said to be consistent if it has no solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. A pair of intersecting lines represent a pair of linear equations in two variables having a unique solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. An equation of the form $ax + by + c = 0$, where a, b and c are real numbers is called a linear equation in two variables. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. A pair of linear equations in two variables may not have infinitely many solutions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. The pair of equations $4x - 5y = 8$ and $8x - 10y = 3$ has a unique solution. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. A pair of linear equations cannot have exactly two solutions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. If two lines are parallel, then they represent a pair of inconsistent linear equations. | <input type="checkbox"/> | <input type="checkbox"/> |