

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

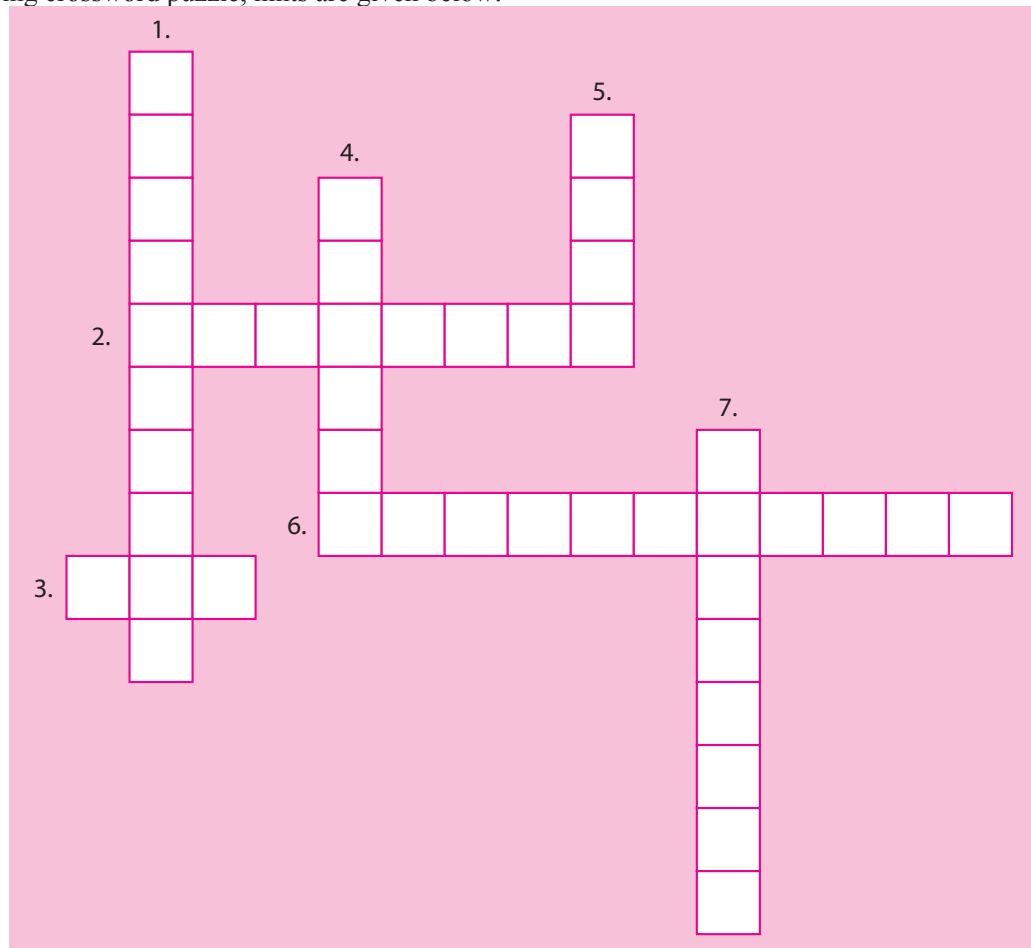
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## Puzzle

Solve the following crossword puzzle, hints are given below:



### Across

2. Number of solutions given by two co-incident lines.
3. The degree of variables in a linear equation.
6. Method of solving a pair of linear equations in which one variable is eliminated by making its co-efficient equal in the two equations.

### Down

1. A pair of linear equations in two variables having a solution.
4. Type of solutions of pair of linear equations represented by two intersecting lines.
5. Graphical representation of a linear equation in two variables.
7. A pair of lines representing a pair of linear equations in two variables having no solution.