

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

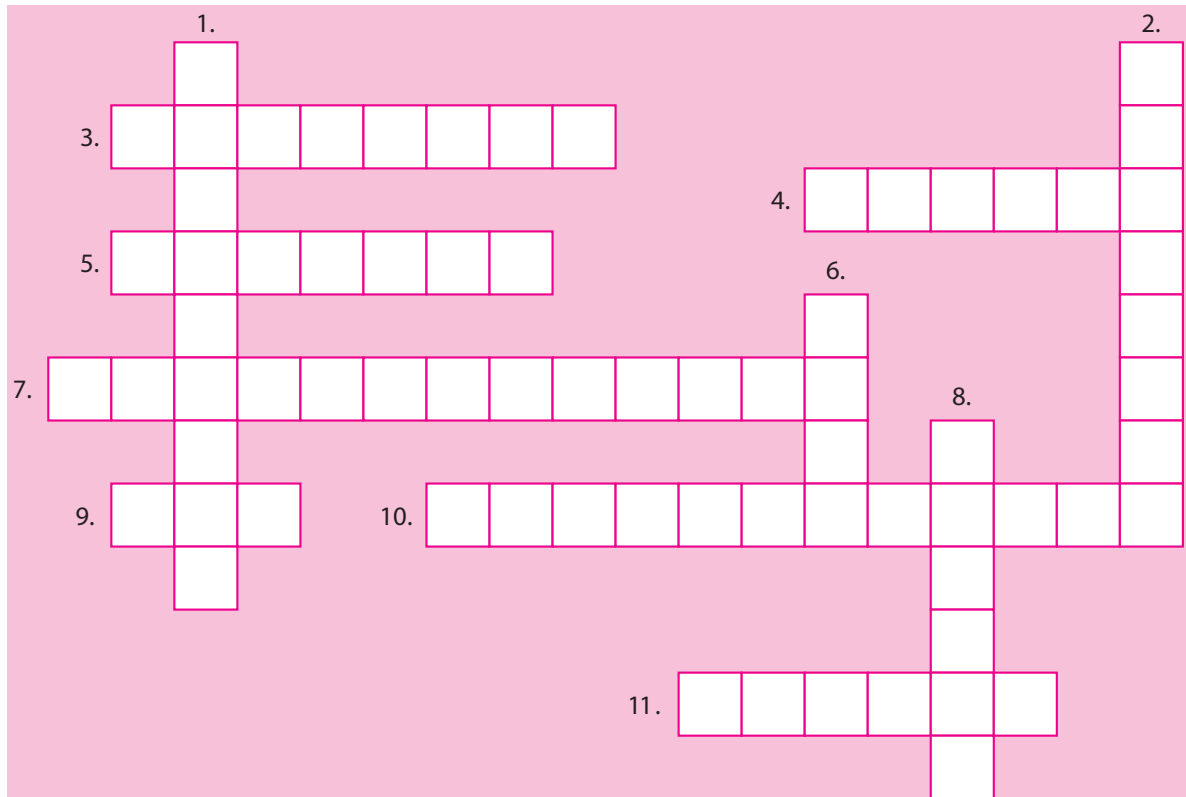
Date:

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Puzzle

Solve the following cross word puzzle, hints are given below:



Across	
3.	Reciprocal of sine of an angle.
4.	Sum of _____ of sine and cosine of an angle is one.
5.	Sine of an angle divided by cosine of that angle.
7.	Triangles in which we study trigonometric ratios.
9.	Maximum value for sine of any angle.
10.	Branch of Mathematics in which we study the relationship between the sides and angles of a triangle.
11.	Sine of $(90^\circ - \theta)$.

Down	
1.	Reciprocal of tangent of an angle.
2.	An equation which is true for all values of the variables involved.
6.	Cosine of 90° .
8.	Reciprocal of cosine of an angle.