

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

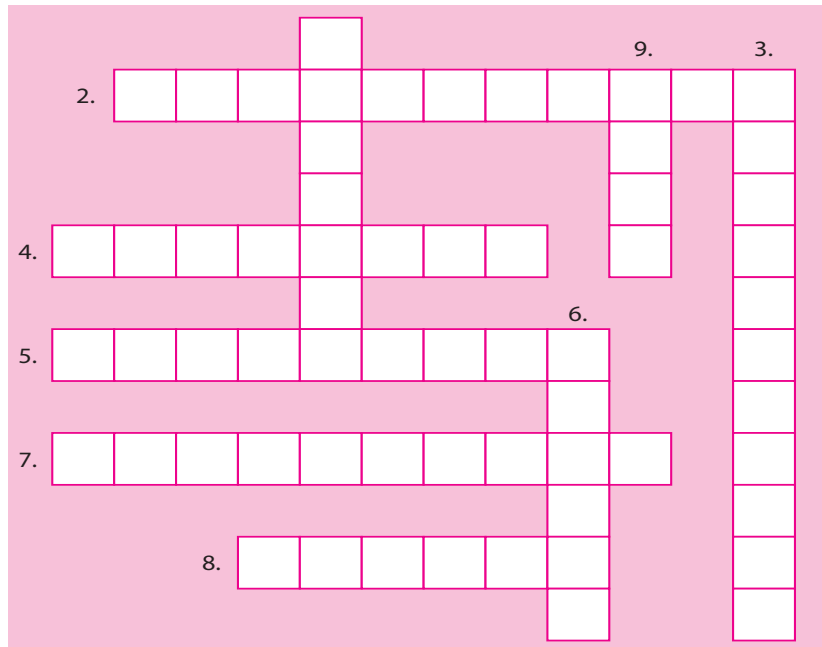
Date:

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Puzzle

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



Across:

2. Triangles whose corresponding angles are equal.
4. If a line divides any two sides of a triangle in the same ratio, then the line is _____ to the third side.
5. Two figures with same shape and size.
7. Mathematician who proved that in a right triangle, the square of the hypotenuse is equal to the sum of the squares of the other two sides.
8. The ratio of the areas of two similar triangles is equal to the _____ of the ratio of their corresponding sides.

Down:

1. Two figures with same shape.
3. Triangles in which Pythagoras theorem is applicable.
6. Mathematician with whose name Basic Proportionality Theorem is known.
9. A side of triangle is a _____ segment.