

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

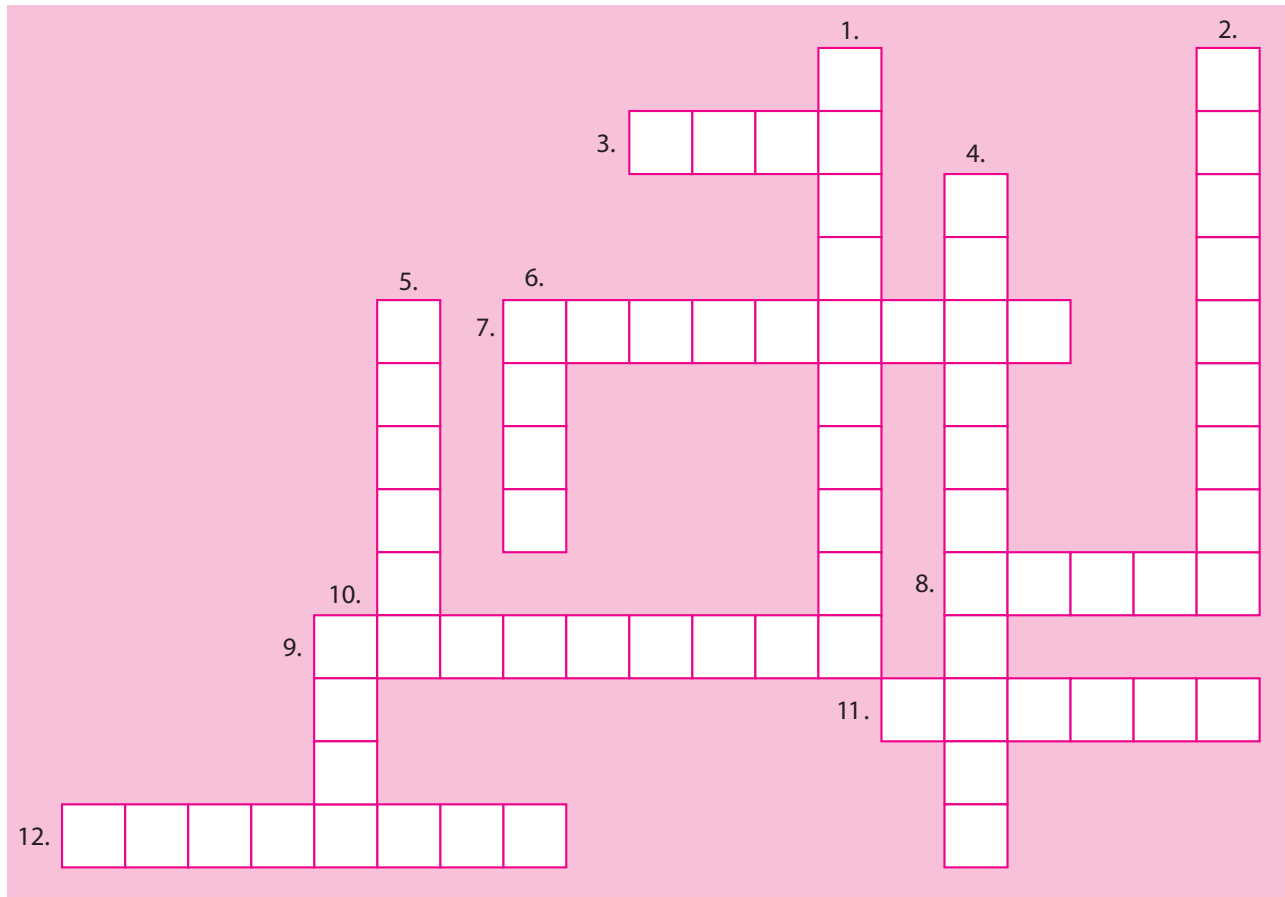
Date: .....

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## Puzzle

Look at the cross word Puzzle and fill in the blanks accordingly.



### Across

3. The number which is when substituted in a polynomial makes its value zero.
7. The number or expression that remain when an expression divides another expression.
9. A polynomial / expression with three terms.
11. The highest power of the variable in a polynomial.
12. A polynomial/expression with two terms.

### Down

1. A polynomial in single variable  $x$ , in which the power of  $x$  in each term is a non-negative integer.
2. A polynomial of degree 2.
4. The constant factor of a term of a polynomial.
5. An expression that completely divides a given polynomial.
6. The number which is when substituted in place of the variable in an equation makes its LHS equal to RHS.
8. A polynomial of degree 3.
10. Parts of a polynomial, which on addition or subtraction form the polynomial.