

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Project Work

The graph of a quadratic equation has one of the two shapes either open upwards like U or open downwards like \cap depending on whether $a > 0$ or $a < 0$. Such curves are called parabolas.

Research the topic indicated above and answer the following questions:

1. What type of polynomials are represented by parabolas?
2. How many zeroes does a quadratic polynomial have?
3. Find the number of zeroes of the polynomials represented by each of the following parabolas.

