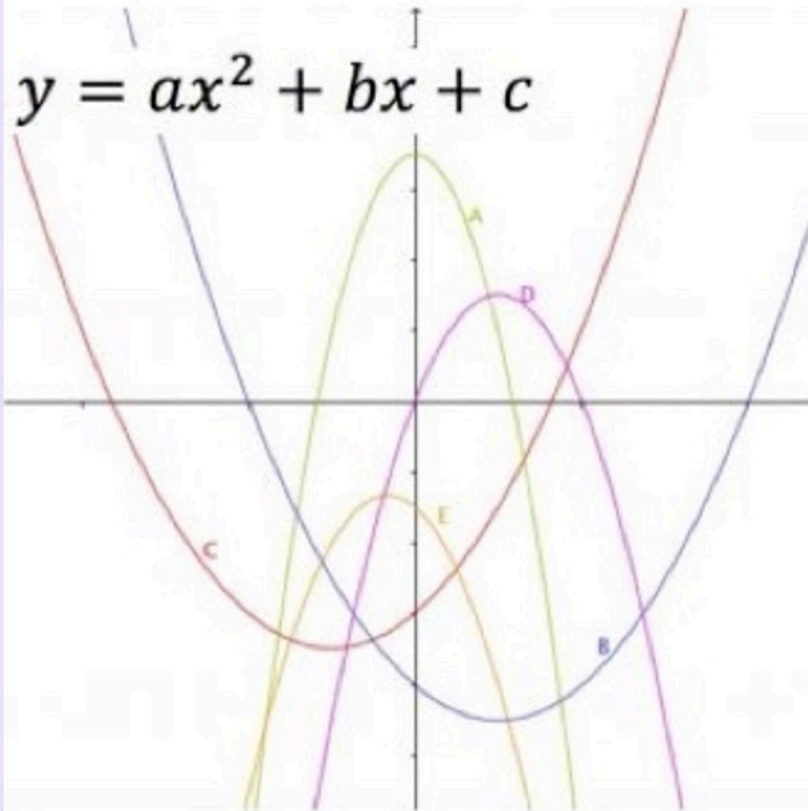




# QUADRATIC FUNCTIONS

<https://aiminghigh.aimssec.ac.za/quadratic-functions/>



Explore the link between symmetry and solutions to quadratic equations. If you have graphing software can you reproduce this sketch?

Investigate these graphs and connections to solutions of the equations  $ax^2 + bx + c = 0$  for different  $a$ ,  $b$  and  $c$ .

## ACTIVITY FOR ALL



What can you find out about satellite dishes, radio telescopes, parabolas and quadratic functions?