

Maths : Graph

1. Draw the graph of $y = 2x^2$ and hence solve $2x^2 - x - 6 = 0$.
2. Draw the graph of $y = x^2 + x - 2$ and hence solve $x^2 + x - 2 = 0$.
3. Draw graph of quadratic equations and state their nature of solutions.
 - a) $x^2 - 4x + 4 = 0$
 - b) $(2x - 3)(x + 2) = 0$.
4. Draw the graph of $y = x^2 + x$ and hence solve $x^2 + 1 = 0$.
5. Draw the graph of $y = (x - 1)(x + 3)$ and hence solve $x^2 - x - 6 = 0$.