K Education Centre

KS3 Year 9 Mathematics
Graphs

Assignment Questions

Q1: Solve the following inequalities and represent on number line:

    a) $5x - 2 \geq 15$

    b) $2 \leq 4x - 2 < 22$

Q2: Draw the graphs for

    a) $Y = 2x + 2$

    b) $Y = 4x - 2$

    c) $Y = 2x - 3$

Q3: Solve the following simultaneous equations graphically

$2x + y = 8$

$x + y = 5$

Q4: Draw the graph for $y = x^2 + x + 3$ from taking values of x ranging from -3 to 2

Q5 : Draw the graph for $y = x^3$