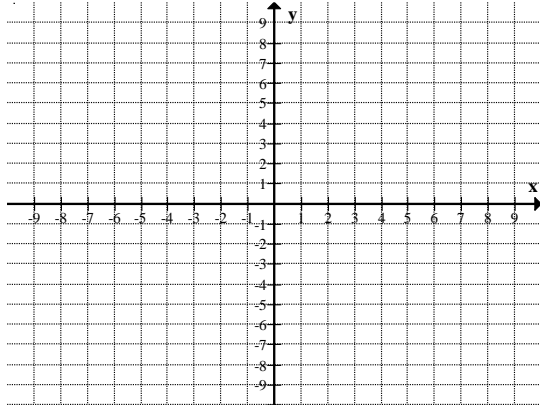


1) Be able to graph:  $y = 2 \left[ \left[ 2 - \frac{x}{3} \right] \right] + 1$



Be able to solve inequalities such as:

2)  $\frac{2}{3}(2x-5) > 3x-6$

4)  $x^2 - 8x + 15 < 0$

3)  $3(x+2) - (x+17) \leq 2x - 29$

5)  $3x^2 + x + 12 < 0$

Be able to solve equations such as:

6)  $3 - 2|5 - 3x| = 1$

8)  $\sqrt{x+7} = x-5$

7)  $|x^2 - 2x - 9| = 6$

9)  $\sqrt{2x+5} - \sqrt{x-1} = 2$

Be able to solve inequalities such as:

10)  $|3x-2| < 19$

12)  $|x+2| \leq 2x+7$

11)  $|4a-9| + 2 > 9$

13)  $|x^2 + x - 4| \leq 2$

14) Be able to find the Average Rate of Change of  $f(x) = x^2 - 3x$  on  $[2, 5]$

15) Be able to find the Difference Quotient of  $f(x) = x^2 - 3x$