


18th Jan	
Find the set of values of x for which $9x - 2 < 18 - x$	 Find the set of values of x for which $x^2 - x \geq 20$
Find the set of values of x for which both $9x - 2 < 18 - x$ and $x^2 - x \geq 20$	
Point A has coordinates (1, 5) and Point B has coordinates (9, -2) Find the equation of the line which is perpendicular to AB and passes through the midpoint of AB.	Give your answer in the form $ax + by + c = 0$
Rationalise the denominator of $\frac{2 + \sqrt{3}}{\sqrt{5} - 1}$	
The 10th term of an arithmetic sequence is 49. The sum of the first 14 terms is 511.	Find a and d