**EQUATIONS OF A LINE**

* The standard form of line is 
* Two point form:-  
  - Given (x1, y1) & (x2, y2) equation of line is given by 
* The line with x-intercept a, and y-intercept b, is given by 
* The line with slope m, and passing through (x1, y1) is given by 
* The line with y-intercept b, and slope m is given by 
* The parametric forms are given by  
    
  
* Other forms include :  
    
  
* Three points lie on a line if: 
* The angle between lines  &  is given by  
  

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