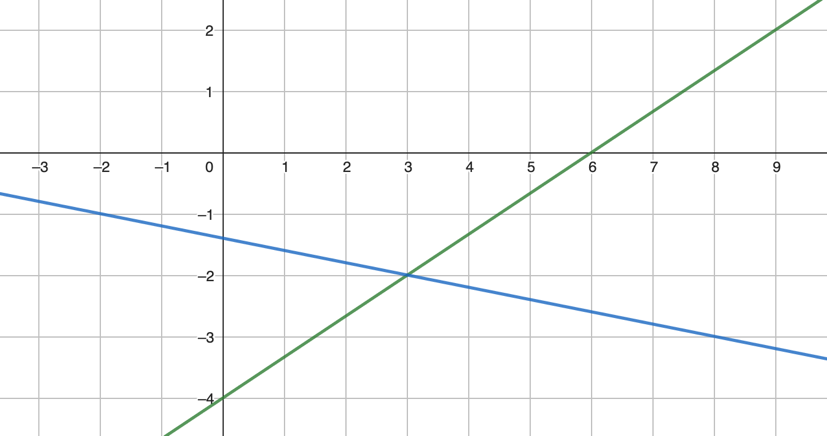
QUIZ 6.3 – 6.5

1. Graph the following lines: [2]  
   a) b)   
     
   
2. Determine an equation for each of the following lines: [2]  
     
   
3. If a line has equation , its slope is \_\_\_\_\_\_ [2]  
     
   and it passes through ( \_\_\_\_\_ ; \_\_\_\_\_ ).
4. Change this equation into slope-intercept form: [2]
5. Determine the *y*-intercept of the following lines: [2]  
   a) b)
6. Determine the equation in slope-intercept form of the line with slope and passing through , [2]
7. Determine an equation of the line passing through and . [2]
8. Determine algebraically the *x* and the *y*-intercepts of the line with equation   
    [2]
9. The student council sponsored a dance. A ticket cost $5 and the cost for the DJ was $300.  
   a) Write an equation for the profit P dollars, on the sale of *t* tickets. [4]  
     
     
     
   b) Suppose 123 people bought tickets. What was the profit?  
     
     
     
     
   c) Suppose the profit was $350. How many people bought tickets?