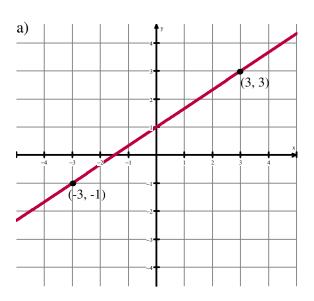
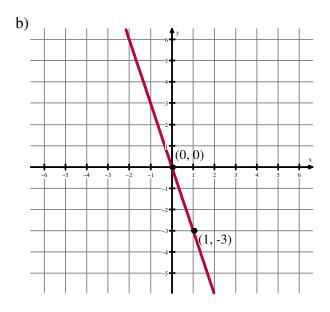
## Equation of a Line Given Two Points

Determine the equation of the line that passes through each pair of points.





## MPM 1D1

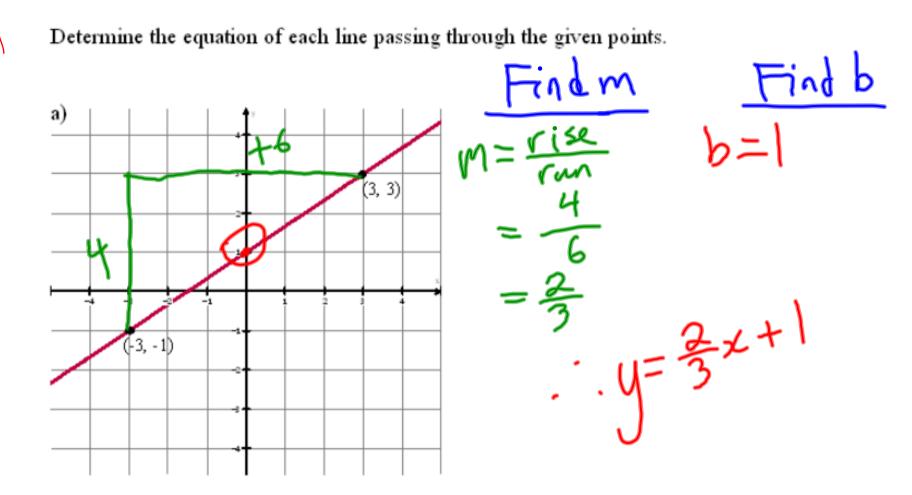
2 Determine the equation of the line that passes through each pair of points.

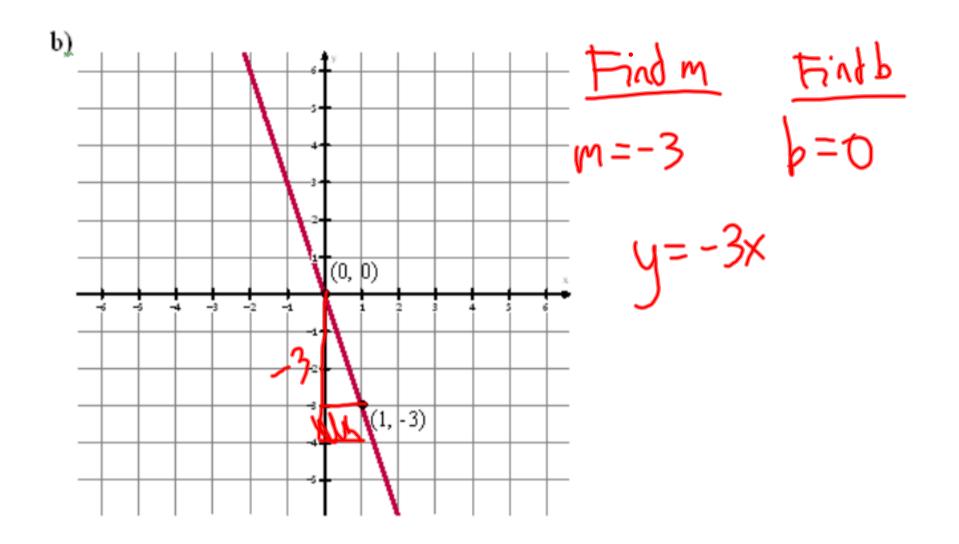
a) (3, 4) and (6, 10) b) (5, 2) and (-1, 3)

c) (-2, 5) and (3, -5)

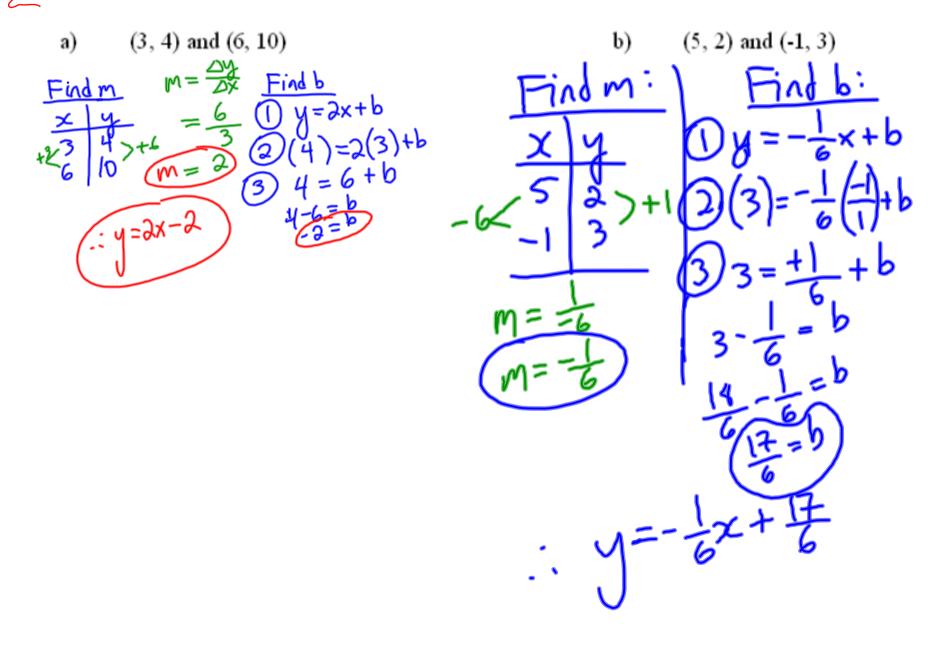
d) x-intercept of 3 and y-intercept of -5

## The Equation of a Line using Two Points





Determine the equation of the line that passes through each set of points.



(-2, 5) and (3, -5) c) Find b: Find m: = -2x + b= -2(-2)+b-10 +5? 5= 1=6 -2 m 2 y = -2x + 1

d) x-intercept of 3 y-intercept of -5 (0, -5) $(3_{10})$ Fintb -ind m b=-5