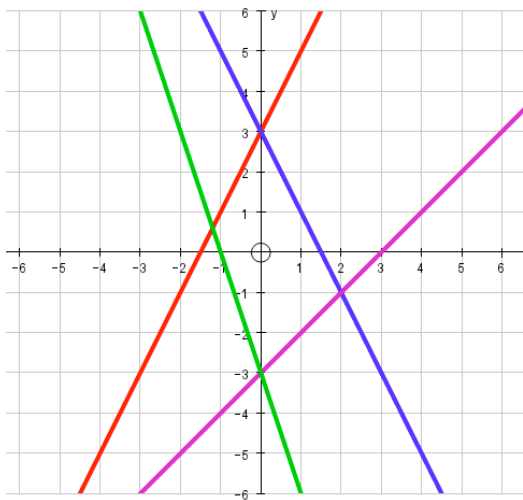
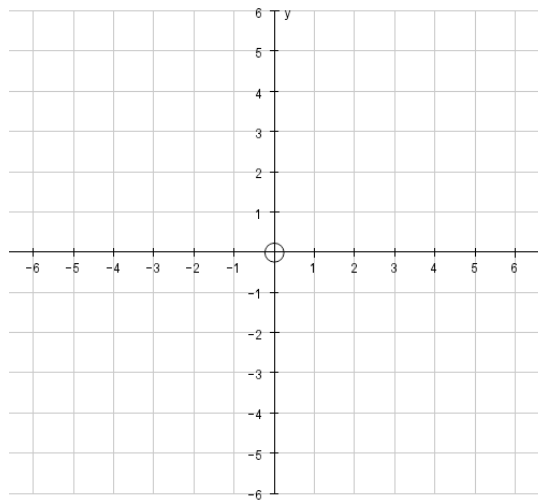


Straight Lines 3.1

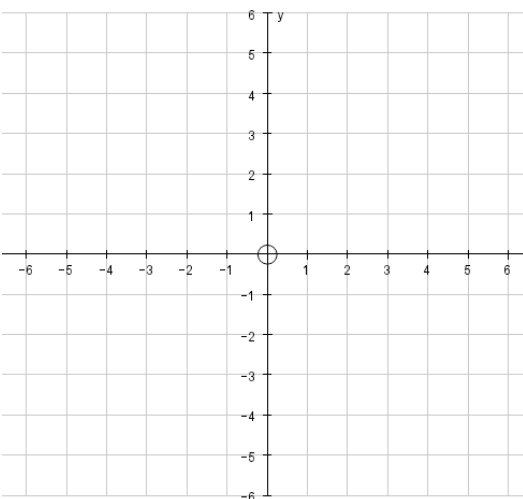
Label these lines with their equations



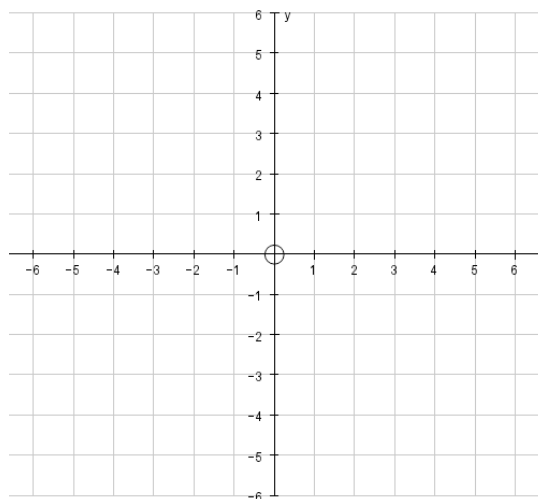
Draw $y = x+1$ and $y = -x+2$ on this graph



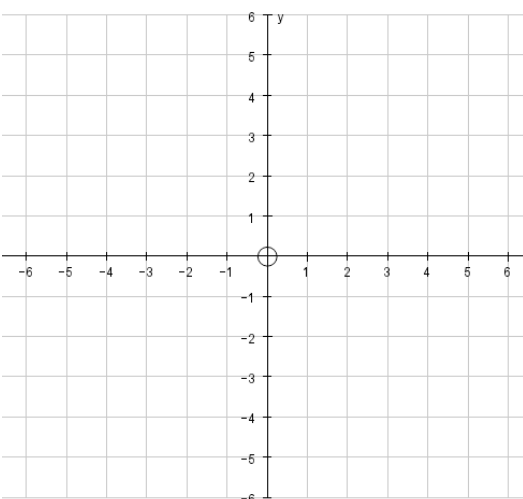
Draw $y = 2x+1$ and $y = -2x+2$ on this graph



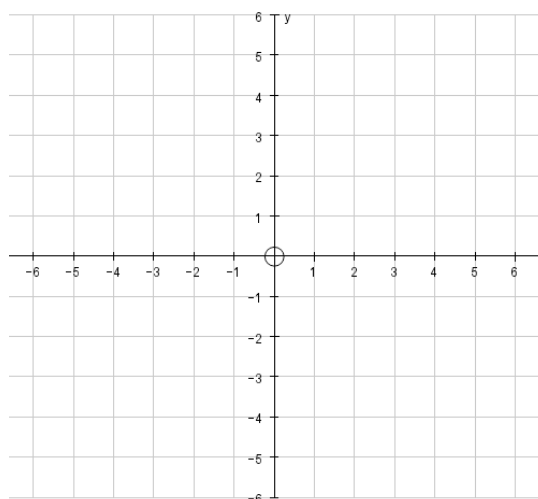
Draw $y = 3x- 2$ and $y = -3x + 1$ on this graph



Draw $y = 0.5x+1$ and $y = -2x-1$ on this graph

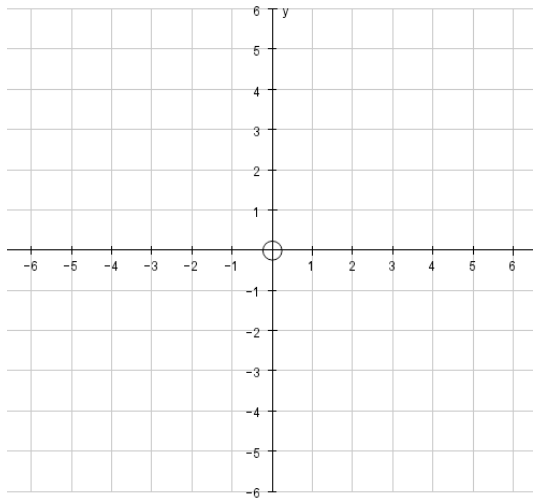


Draw $y = 4x$ and $y = -x-1$ on this graph

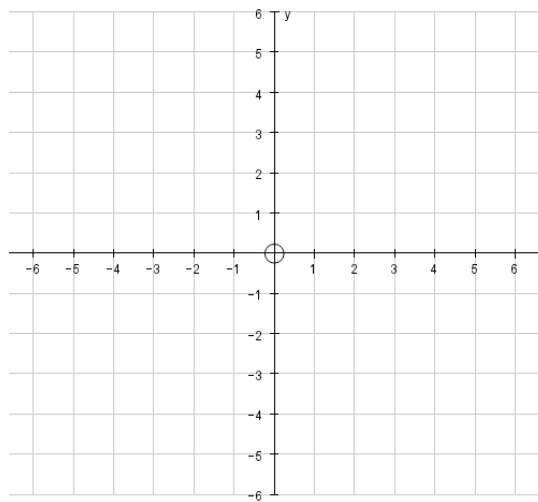


Straight Lines 3.2

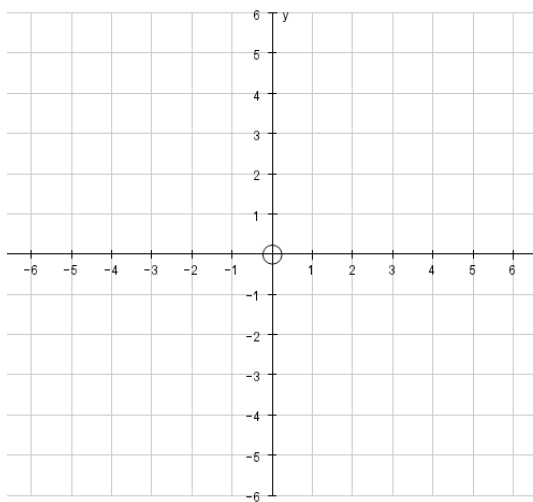
Find the equation of the line through (3,2) with gradient 1.



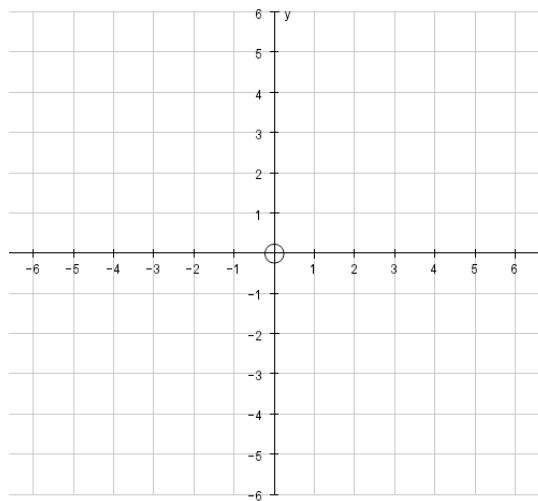
Find the equation of the line through (-3,2) with gradient -2.



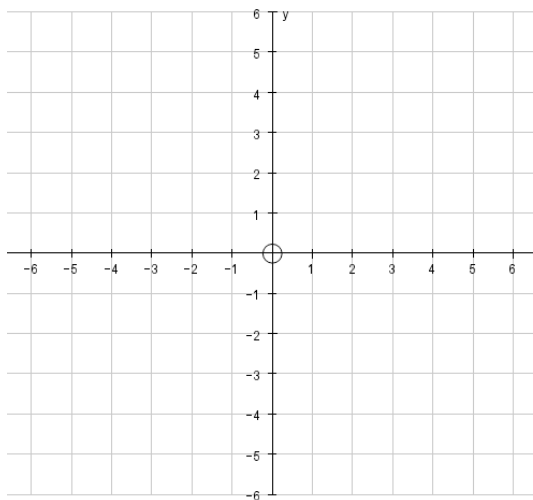
Find the equation of the line through (4,-1) with gradient $-\frac{1}{2}$.



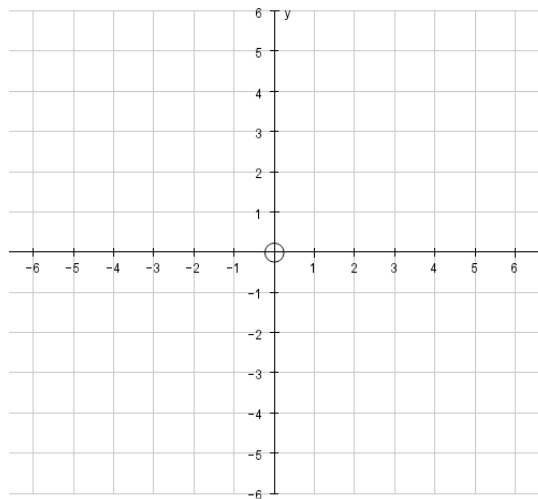
Find the equation of the line parallel to $y = 3x - 2$, which passes through (1,4)



Find the equation of the line parallel to $y = -x + 3$, which passes through (2,5)

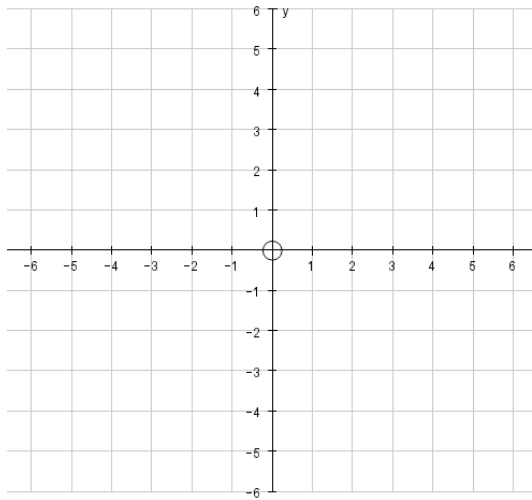


Find the equation of the line parallel to $y = \frac{1}{2}x - 2$, which passes through (-2,0)

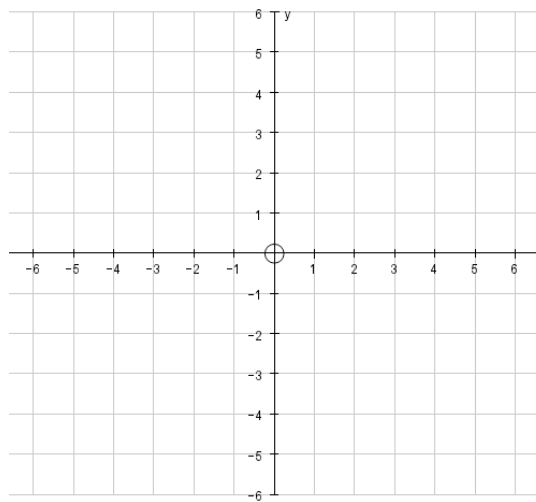


Straight Lines 3.3

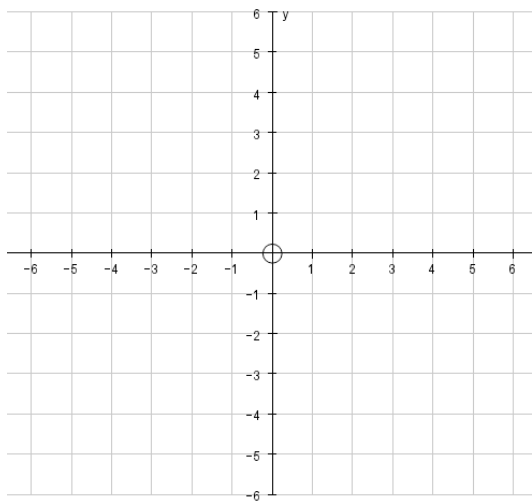
Find the equation of the line through (2,0) and (3,2)



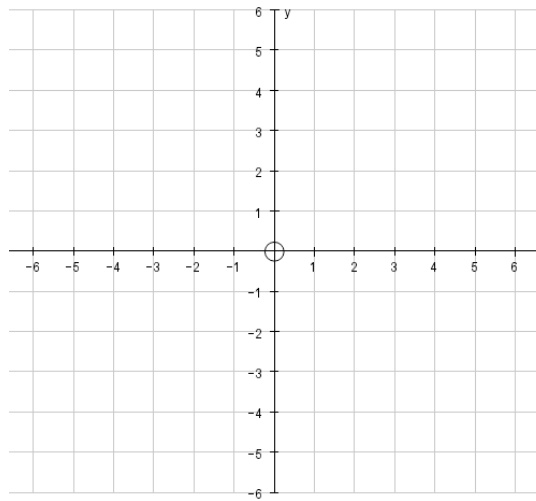
Find the equation of the line through (1,2) and (3,5)



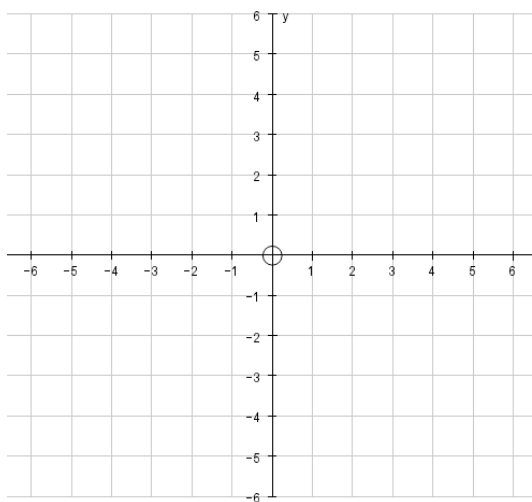
Find the equation of the line through (-2,4) and (2,2)



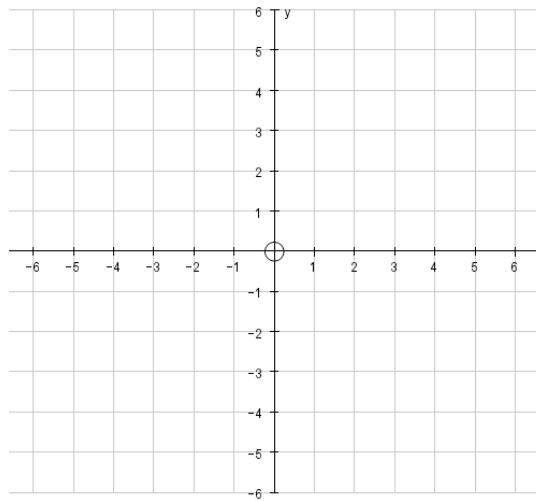
Find the equation of the line through (-5,1) and (-3,5)



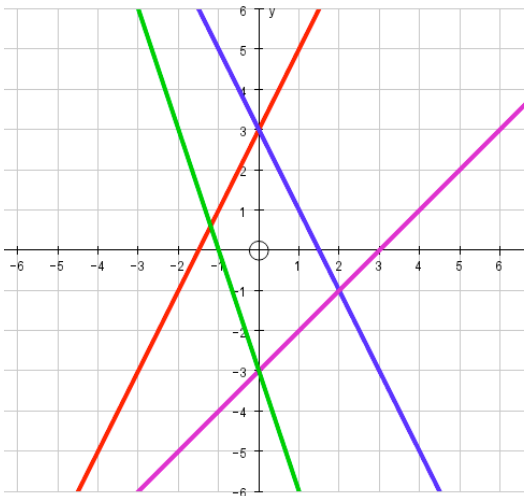
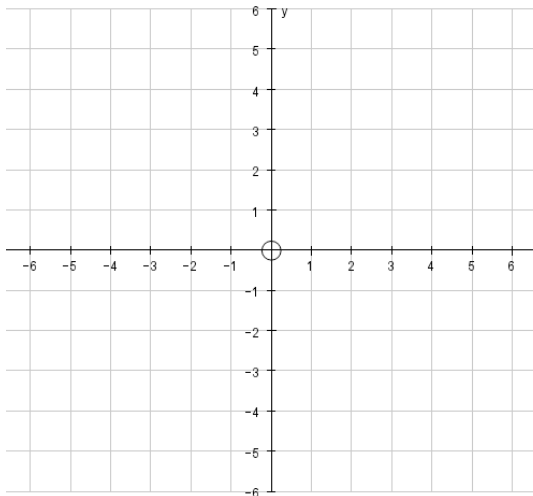
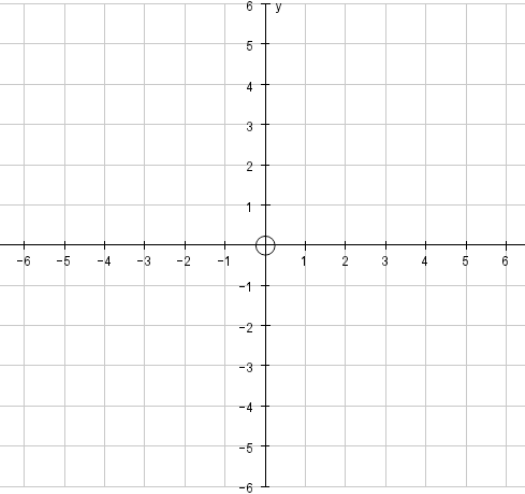
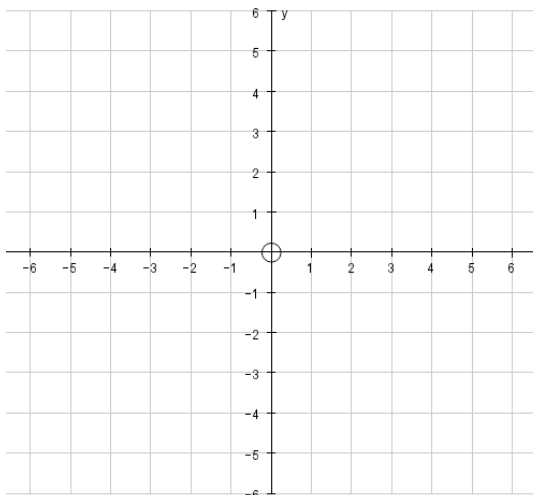
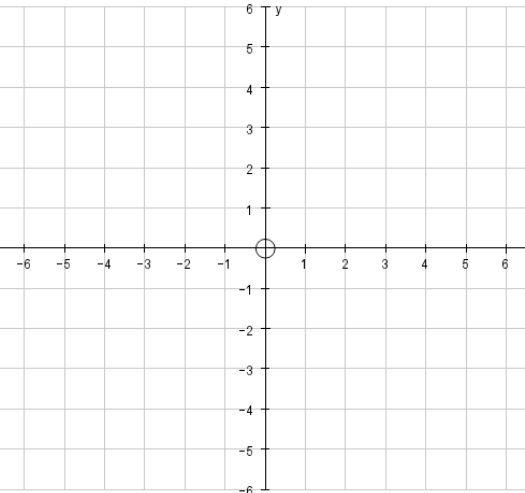
Find the equation of the line through (-5,-4) and (3,0)



Find the equation of the line through (1,-5) and (3,1)



Straight Lines 3.4

<p style="text-align: center;">Label these lines with their equations</p> 	<p style="text-align: center;">Draw $x=3$, $y=2$ and $y=x+1$ on this graph</p> 
<p style="text-align: center;">Give the equation of the line through $(3,4)$ parallel to $y=2x+1$</p> 	<p style="text-align: center;">Give the equation of the line through $(4,1)$ perpendicular to $y=2x+1$</p> 
<p style="text-align: center;">Find the equation of the line which passes through $(3,4)$ and $(5,0)$</p> 	<p style="text-align: center;">Draw the line $5x-6y=30$</p> 