## Straight Line Graphs

1) Find the gradient of the line joining these pairs of points:
(a) $(-3,2)$ and $(2,12)$
(b) $(2,5)$ and $(14,-1)$
2) Find the equation, in the form $y=m x+c$, of each of the lines in $Q 1$
3) A straight line has a gradient of 3 and passes through the point (4, -2). Find its equation.
4) A straight line has a gradient of -0.5 and passes through the point $(3,-1)$. Find its equation.

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