The	equation of a circle is $x^2 + y^2 + ax + by - 12 = 0$. The points $A(1, 1)$ and $B(2, -6)$ lie on the le.
(a)	Find the values of a and b and hence find the coordinates of the centre of the circle. [4]

.....

px + qy = k, where p , q and k are integers.	[4