1. 
$$\vec{L} = \vec{r} \times \vec{p}$$

- 2.  $[L_i, L_j] = i\hbar\epsilon_{ijk}L_k$ 3.  $L^2 = L_x^2 + L_y^2 + L_z^2$

4.  $[L^2, L_i] = 0$