Quiz #6

Friday, October 6

PHYSICS 851, FALL 2000

1. In terms of ℓ, m_1 and m_2 find expressions for:

   (a) $\langle \ell m_1 | L_x^2 | \ell m_2 \rangle$

   (b) $\langle \ell m_1 | L_x L_y | \ell m_2 \rangle$