

**Quest 10      Game Theory      2/18/2009**

1. Show directly (i.e., without using the fact that  $\ast \parallel \uparrow$ ) that  $\downarrow \parallel \ast$ .
2. Show directly (i.e., without using the fact that  $\ast > \uparrow + \uparrow$ ) that  $\downarrow + \downarrow < \ast$ .