

Econ 30010  
**Intermediate Microeconomic Theory**  
**Answers to Chapter 6 Problem**

- 24.** a. Technical progress has occurred if  $KL > \sqrt{KL}$ . This will be true as long as  $KL > 1$ . Thus for all  $Q > 1$ , there has been technological progress.
- b. For  $f(K, L) = \sqrt{KL}$ , the  $MRTS_{LK} = K/L$ . For  $f(K, L) = KL$ , the  $MRTS_{LK} = K/L$ . Thus, this change is neutral.