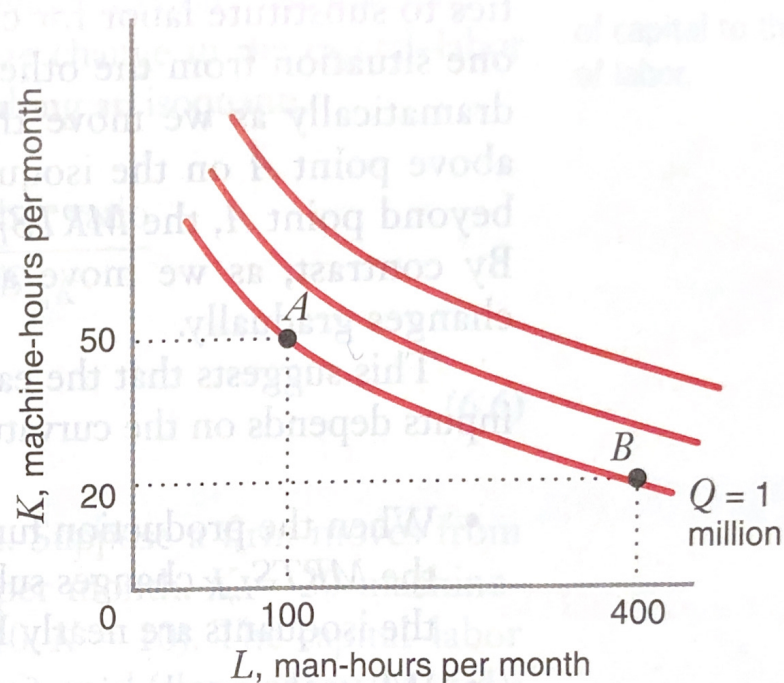


(a) Production Function
with Limited Input
Substitution Opportunities



(b) Production Function
with Abundant Input
Substitution Opportunities

FIGURE 6.11 Input Substitution Opportunities and the Shape of Isoquants

In panel (a), start from point A and move along the isoquant $Q = 1$ million (i.e., holding output constant). If the firm increases one input significantly (either L or K), it will only be able to reduce the other input by a small amount. The firm is in a position where there is virtually no substitutability between labor and capital. By contrast, in panel (b) the firm has abundant substitution opportunities—that is, a significant increase in one input would allow the firm to reduce the other input by a significant amount, holding output constant.