





125 126

Example 8.3

Suppose a stock is \$60, a European call with strike price \$70 costs \$1 and a European put with strike price \$50 costs \$3. Draw profit graphs for the following strategies (ignoring the time value of money) and determine for which stock prices the profit will be positive.

(a) Long positions in a call and a put.
(b) Long positions in three calls and two puts.
(c) Long stock, long put, short call.

(d) Long stock, two long puts, two short calls.

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Remark 8.4 (continued)

• Stock options specifications:

• Expiration date (Sat right after 3rd Fri of expiry month, 4:30 pm)

• Strike price (spacing \$2.50/5/10)

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