

Assume that securities A through D provide risk-free payoffs as follows:

| <u>Security</u> | <u>Price today</u> | <u>Cash Flow in:</u> | | |
|-----------------|--------------------|----------------------|------------------|--------------------|
| | | <u>One Year</u> | <u>Two Years</u> | <u>Three Years</u> |
| A | 95.552 | 100 | 0 | 0 |
| B | 91.754 | 0 | 100 | 0 |
| C | 87.959 | 0 | 0 | 100 |
| D | 525.000 | 200 | 200 | 200 |

Assume that you determine that that arbitrage is possible because the price of D is too low.

- What trades would allow you to take advantage of this arbitrage opportunity? Note: the trades should create an arbitrage profit for you.
- What cash flows will your trades in part "a" generate today and at the end of each of the next 3 years?