Name

Assume that you can buy or sell (or short-sell) any of the following securities:

Risk-free bonds: bonds that mature one year from today earn 1.9% per year and bonds that mature two years from today earn 2.9% per year.

Risky securities:

			Payoff one year from today if the economy is:		Payoff two years from today if the economy is:	
	Prices Today:					
Security	<u>Bid</u>	<u>Ask</u>	Strong	Weak	Strong	Weak
Second Apple	\$45	\$46	\$100	\$0	\$0	\$0
Galaxy One	\$84	\$85	\$0	\$0	\$200	\$0
ETF	\$575	\$580	\$400	\$100	\$600	\$200

What set of transactions today will generate an arbitrage profit for you today. In your answer list all transactions required today and all individual and total cash flows today, a year from today, and two years from today. Use a "+" for an inflow of cash and a "-"for an outflow of cash. Note: I recommend setting up a table like is in the notes.

Wall Street Journal Questions are on the back of this page.

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Reg. Portfolio =
$$35A + PV (1000E = 1) + 260 + IV (2000E = 2)$$

Price to buy = $3k4b + \frac{100}{1.019} + 2k85 + \frac{200}{(1.029)} = 595.02$

Price to sell = $3k45 + \frac{100}{1.019} + 2k84 + \frac{200}{(1.029)} = 590.02$ 7580

Trans

CF 1

2 Buy ETF - $580^{12} + 400^{2} + 100^{2} + 100^{2} + 1200^{2} = 590.02$ 7580

+28/10+35A +135¹² - $300+20$ 0 +10

+28/10+1-year +98.14 - $100 - 100$ 0 +10

+28/10+2-box +188.89 0 +10 -400620

+28/10+2-year +188.89 0 +10 -200 -200

Total +1003 0+20 0 0+20