Warren sells short \$3000 of a common stock that pays dividends of \$20 after 6 months and \$15 after 18 months. The margin requirement is 50% and the annual effective interest rate on the margin account is 4%. 20 months after he sold the stock, Warren repurchases the stock (to cover the short sale) for 2500. Find his annual yield for this 20 month investment.

initial margin deposit

$$3000[0.5] = 1500$$

$$f(.05) = .05p$$

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