



Action
$$\frac{1}{8}$$
 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{8}$

Objective
Pepsi Points
$$\rightarrow$$
 Harrier

 $F(x) = \sum_{\alpha \in (x-\delta)} (x-\delta) =$

$$\begin{array}{rcl}
\hline
a) & F_{0,.5} &= & S_{0}e^{(v-8)T} \\
&= & (.05-0)(.5) \\
&= & 1127.85
\end{array}$$

Action	t=0	t=0.5
	0	+ 1135 - ST
Short Fwd Buy Assal	-1100	ST
Barrow	1100	-1127.85
	O	7.15

Short Asset + 1100 ~ ST -1100 +1127.85 Lend Efficient Market Hypothesis - Prices are set by the market based on available information. Weak EMH: All past information is incorporated into stock prices. i.e. there are no patterns to be found in stock charts Semi-strong: Prices reflect all publicly available information. Implies that price adjustments based on news happen immediately.

Strong: Prices reflect any information that could be obtained by analysis or private information. Implies there is ho such thing as a "good" investor. It (as we will assume) the EMH is true, then the next price change for any asset will be random. We should not be able to predict size or direction. Price malements are sometimes U salada allah Options T

T expiration date

K strike price (like a far and price, but can be chosen rather than determined by far mula.

If at time t, $S_T > K$, then a call option owner can exercise to by at a discount. If $S_T \leq K$, call owner can

choose to de nothing.

profit

profit

profit

profit

profit

7550t price





