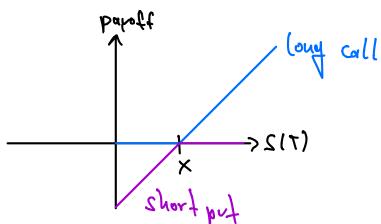
call price C put price ?

look at two possible portfolios:

· call, put with same stock (S), X, T

buy call, sell put, which costs C-P

 \Rightarrow $= 5(7) - <math>\Rightarrow$



- replicating portfolio with 1 stock, borrow bonds north X at time T

$$=>$$
 payoff $=$ $2(T)-X$

no arbitrage = > both portfolioz most have same price (since ())

$$=>C-P=S-e^{-rT}x$$