

## Quotient option

created by Thijs van den Berg

$$C_T = \max[S_1/S_2 - K, 0]$$

$$P_T = \max[K - S_1/S_2, 0]$$

A quotient option gives the owner the right to buy/sell the quotient of two underlying assets for a fixed value -the strike-.

### Symbol list:

$C_T$	Value of the quotient call option at expiration
$P_T$	Value of the quotient put option at expiration
$S_1$	Value of the first underlying asset at expiration
$S_2$	Value of the second underlying asset at expiration
K	Strike (exercise) price