

Price of dai to ener =
$$\frac{5000}{0.833}$$

> K does not move during a Awap

Providing Lapiairy

 $5 = \frac{1}{2} \cdot 2000 \, DAI$

LP torand received = toren deposited x LP toren

toren in pool

 $\frac{5}{2} \times 5 = 5 \, LP$
 $\frac{25000}{25000} \times 5 = 5 \, LP$
 $\frac{25000}{25000} \times 5 = 5 \, LP$
 $\frac{10}{2} \cdot 50,000 \, D$

(10) (50,000 + 5000) = 500,000

(10) - dn) (50,000 + 5000) = 500,000

Ou = $\frac{500,000}{55,000} - \frac{10}{55,000}$

dr ~, 0.909

$$\frac{1}{2}$$
 pince $\approx 2,222$ USD.
 $\frac{1}{2}$ pince $\approx 2,222$ + 16.666 = \$\\$33,333

$$T_3$$
: $S = .2,222 + 25,000 = 4 36,110$

Impermanent loss: 36,110-33333 = \$2777