P

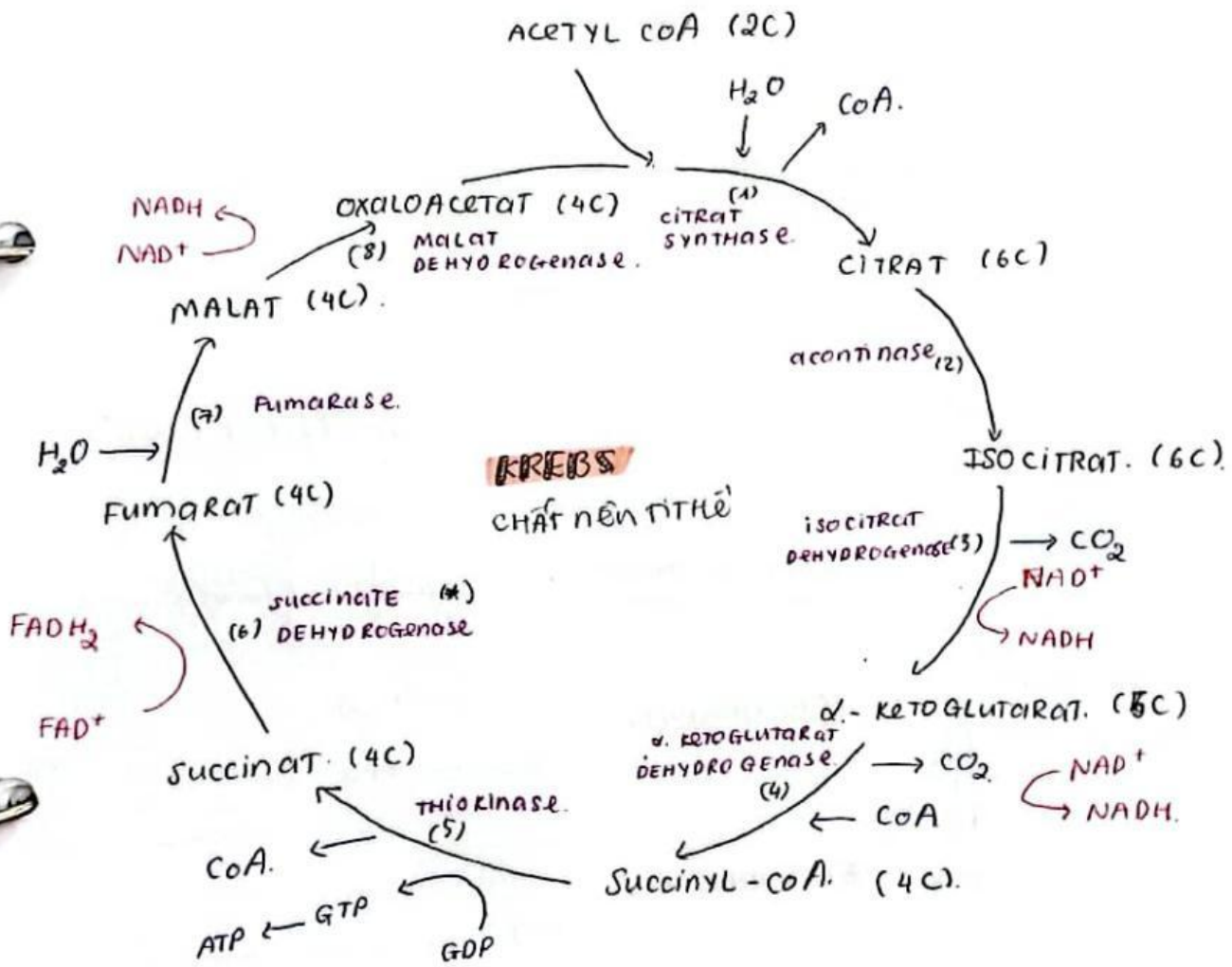
$E_1$ PYRUVATE DEHYDROGENASE (+ TPP)

$E_2$: DIHYDROLIPOYL TRANSACETYLASE (+ LIPOAMID)

$E_3$ DIHYDROLIPOYL DEHYDROGENASE (+ FAD)

PYRUVATE (3C) → ACETYL CoA (2C)

CoA, NADH, $NAD^+ + H^+$, $CO_2$




1 ATP → 1 ATP
1 $FADH_2$ → 1,5 ATP
3 NADH → 7,5 ATP
} → 10 ATP

*: succinate DEHYDROGENASE: enzym gắn màng duy nhất (.) CTA

*: Đ. HOÀ CHU TRÌNH: PIU 1, 3, 4.
(có các enzym DI LẬP THỂ với chất INHIBITOR: NADH; ATP

LIVEWORKSHEETS