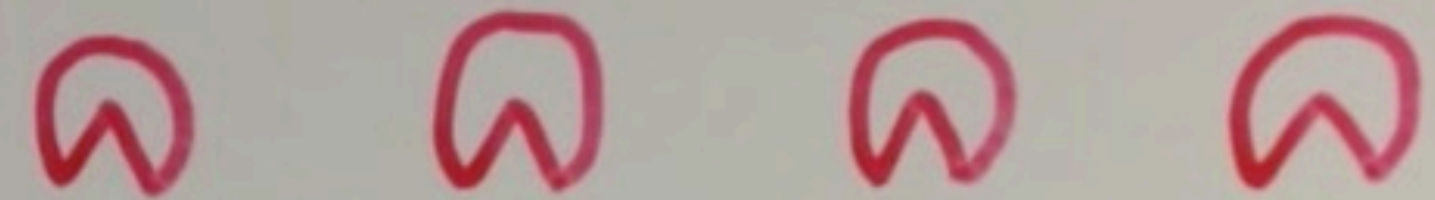


LET'S ASSUME THE TOTAL  $[E]$  IS CONSTANT



EACH ENZYME CAN CATALYZE  $10 \text{ rxns/sec}$

MAXIMUM RATE =  $40 \text{ rxns/sec}$

$V_{\text{max}}$

AT HIGH  $[S]$ , THE ENZYMES WILL BE SATURATED

EVEN IF  $\uparrow\uparrow [S]$  THERE WILL STILL BE A  $V_{\text{max}}$

