













## RED BLOOD CELL ~ one cell contains about 270 million molecules of HaB ~ IRON is the building block of hemoglobin -----

## V IRON is carried through the CV system to hematopoletic tissue in bone marrow ~ RBC's are made in hematopoletic tissue

amount of red blood cells produced through release of ERNTHROPOIETIN 2.5 million RBC's per second

## BRAINSTEM INITIATES

breathing, sending signal to diaphragm, contracting ± increasing intrathoracic space

in the lungs create surface area for oxygen to diffuse thatopgin their membrane from capillaries

VEO

∽ Oz pumped throughout CV system; V & vessels