

CZD. say: we dermon some of (. (STRES) => to relieve stress, we need to make more C. Shiff to US ex: $H_2(0_3(a_5))$. $\rightleftharpoons H_2(1.1) + (0_26)$ carbonic acid -hyperventilete ~ breatury rapidly

-hyperventilete ~ breathing rapidly

-reduces (O2 conc. Cetress)

=> cours a RHS shift bo

make more (O2.

Problem: lowered rove fl2(O3
in blood => it's less acidie -> Alkalosis

ex: $(Ca_3(PO+)_2(s)) \rightleftharpoons 3(a^2+a_2) + 2PO+a_2)$ bonus blood.

if we lower G2+ rone (STRESS).
relief: -> RHS. make more G2+

2 What about P/V changes?

VT, pL (Boyles Law)

VL, pT

PV=nRT, then p & n

-D If we increase tot. pressure (by lowering)
-then equivalent will respond in
a way to reduce tot p

=> must reduce # gas moleculos.
colorles red
ex: N2049 = 2N029

STRESS: Reduce to 1. vol.

Reliaf: lower Prot.

How? make fewer gas molerules.

Shift to LHS

3 Change in temp.

-changes in P/V and conc do not aller Kc or Kp.

-T change do affect K!

consider:

we can (sometimes) write this as:

 $A \rightleftharpoons B$ $\Rightarrow \Delta H = -ve$ (erothermic)

A = B + heat

as we increase T... (stress)
-like adding heat.

=> relief: shift to CHS - remove heat.

then for an exothermic rxn,

TT KL

The affect of red.



