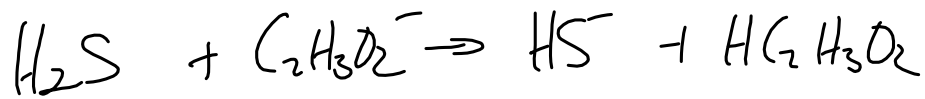


(26)



WA

$$1.8 \times 10^{-5}$$

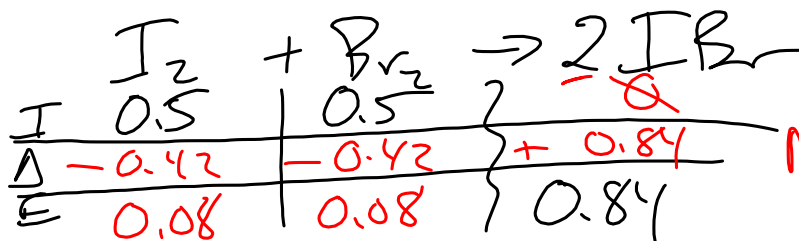
SA
breaks up
more easily
than H_2S

$$8.9 \times 10^{-8}$$

0

May 16-7:40 AM

(27)



I	0.5	0.5	0
Δ	-0.42	-0.42	+0.84
E	0.08	0.08	0.84

MOLE RATIO

$$K = \frac{(0.84)^2}{0.08(0.08)}$$

May 16-8:00 AM

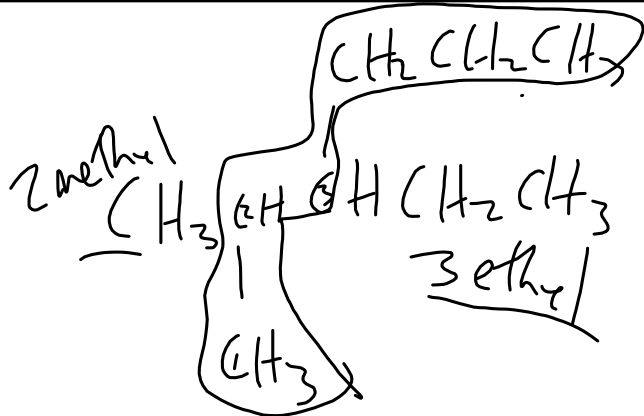
(30) $T_1 = 135^\circ\text{C} = 408\text{K}$ $T_2 = 145^\circ\text{C} = 418\text{K}$ Find E_a
 $k_1 = 2.16 \times 10^{-3} \text{ min}^{-1}$ $k_2 = 6.93 \times 10^{-3} \text{ min}^{-1}$

$$\ln \frac{k_1}{k_2} = \frac{E_a}{R} \left(\frac{1}{T_2} - \frac{1}{T_1} \right)$$

(8.314×10^{-3})

May 16-8:05 AM

(13)



hexane

May 16-8:16 AM