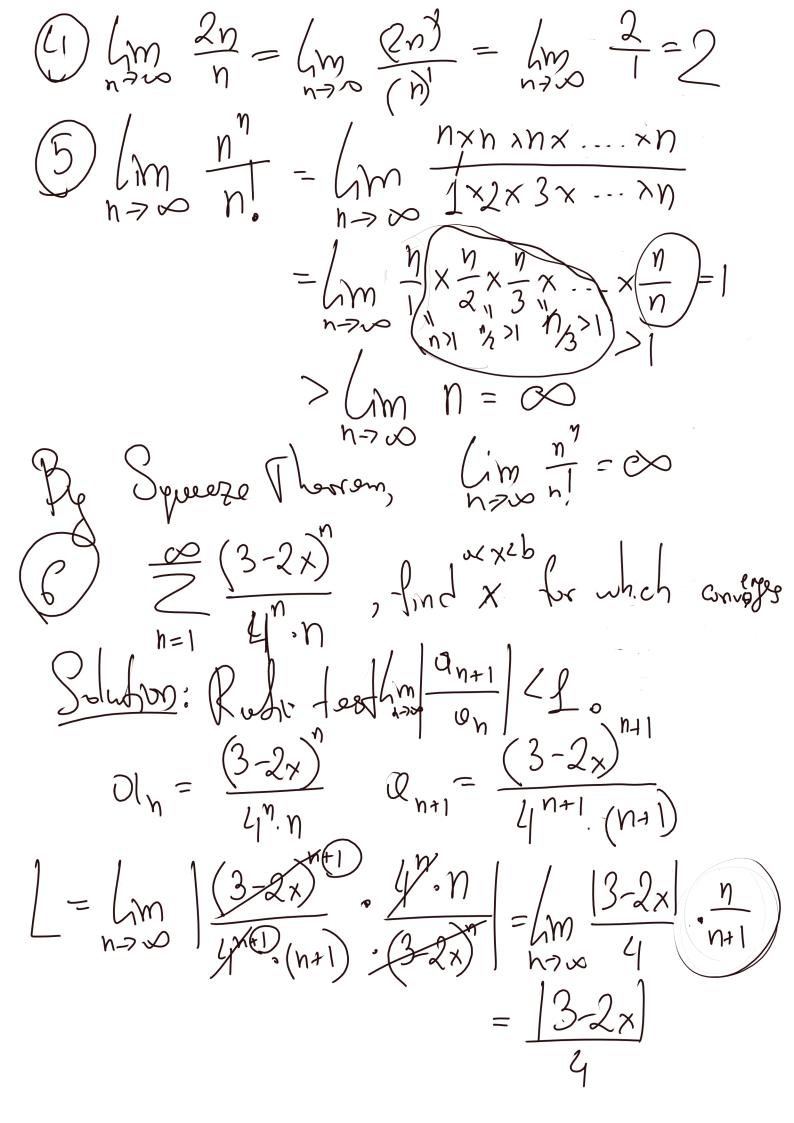
herry Feb 23 $\frac{50}{11} > 1 \left(\frac{1}{2}\right), n > \infty$ Dr. Brennen · Sequences: List of velues, $\alpha_h = ..., n \to \infty$ · Series: $S_k = \sum_{n=0}^{k} \alpha_n$ · Convergonce: Lymen=L ≠ ± 00 Dévergenc: obhervise limon is underhod Give me a seprence, Lim on 7 ± 00.

Int it's diverging

On = Sm(n) $o_{N} = (-1)^{n} = \{1, -1, 1, -1, \dots\}$ 3) $l_{n-2} \infty \frac{l_{n}(n)}{n}$ has the form $\frac{20}{\infty}$ $= \lim_{n \to \infty} \frac{d}{dn} \left(\ln(n) \right) - \lim_{n \to \infty} \frac{1}{n} = 0$ $= \lim_{n \to \infty} \frac{d}{dn} \left(\ln(n) \right) + \lim_{n \to \infty} \frac{1}{n} = 0$



Tho sum converges

1-13-2x

1-14 -1 (3-2x -1 (4) Fuel 2/1/ =) -443-2×24= -7 < -2x < 1E>-0>-X>-h = 7 > 2x > -1-1 < 2x < 7 => -1/2 < x < 1/2 2 (3-2x) 8-2x) 8-2x) 8-2x) 8-2x/2

