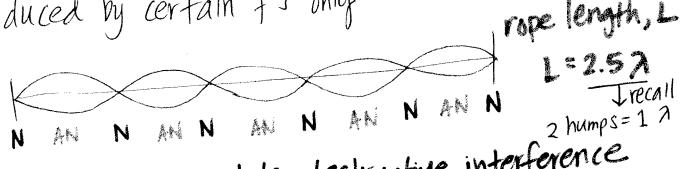


Each wave has the same: 2, f, amplitude \* produced by certain f's only



N = node = complete destructive interference

AN = Antiquale = constructive interference

subject 7 (Waves)

@ If 7=0.5m, then the jength of the rope = 2 m

ex#2

@ If length of rope = 3.6m,  $\lambda = \frac{L}{3} = \frac{3.6m}{3}$ wavelength =  $\frac{1.2}{3}$  m

(b) If length of rope = 5m, MANDEMATH = 5/3 M

note