

EXAMPLE:

I the sequence convergent or divergent? If possible, find the sum of the series...

a)  $1, -\frac{1}{3}, \frac{1}{9}...$  $t_{1} = 1$  $= \cos^2$ r = -3 = 3-1/r<then = convergent ັໝີ b) 2, -4, 8 ... セニス r=-2 So Gannot find Sum divergent