S2) Veylinder = Tr2h "Math involving change"

$$V_{frist} = 6\pi$$

$$V_{scend} = 1.5^{2} \text{ Th}$$

$$= 2.25 \text{ Th}$$

$$V_{once}$$

$$5 \text{ cmnl} = 1.5 \text{ Th}$$

= 2.25 Th
 $6 \pi = 2.25 \pi \text{h}$

 $y = \left(\frac{x-1}{(x-1)}\right) = x-1$

s=4 , 5 , 6

s = 3 n = 4

C. NS-S = 9 S(N-1)

(00)

$$\frac{6}{3.26} = \frac{1}{2} + \frac{3}{2}$$

$$h = \frac{6}{2.25} = F \quad 2\frac{3}{3} = \frac{8}{3}$$

$$h = \frac{6}{2.25} = F \quad 2^{4}3 = 7^{\frac{3}{2}}$$
53) We don't are too much about

 $x \neq 1$

h = 7,

If given dryown, noe of lend questions withly

