

a) 2, 3.5, 5, 65..... +32 a=2 d=15 T = a + (n-1)dIn talas(zatlas) 5 = > 32 + (4+(31)1.5) = 16 (50.5) = 808. Tn = 2+ (n-1)1.5 T = 32 32 = 2 + (n-1) 1.5 30= (1-111.5 30 = 1.5a -1.5 31.5 = 1.51 n = 21Cataine throws the stick (H) 2(2) # +2(3.5) A +2(5) +



· 4, 7, 10, 13. · · ·

 $\int_{n} = \frac{1}{3} \left(20 + (n-1) d \right)$

 $S_{21} = \frac{21}{3} \left(8 + (20) 3 \right)$

714 m, altogeather.

b) accengr=10

- 0 = 1.9 2

.:0 = 108°51'

C) y= x = 8x +4

* x 2-8x = -y+4

y= x(x-4)+4 y-4=x(x-4)



01	T = -5	y = x(x-8)+4
<i>(i)</i>	70	i certex is
		(8,0)

 $(ii) \qquad \text{for } x (x-8) = 4-y$ a = 1

(9,0)

y-4=x

 $3(^{2} = -y - 8x + 4)$ x(x-8) = y + 4