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				/	

$$T_n = a + (n-1)d$$

$$32 = 2 + (n-1)(1.5)$$

$$32 = 2 + \frac{3}{2}n - \frac{3}{2}$$

$$\frac{3}{2}n = 3/\frac{1}{2}$$

! Catome those the other 21 times.

$$S_n = \frac{n}{2}(a+\ell)$$

$$S_{21} = \frac{21}{2} \left(4 + 64 \right)$$



6) Bet

h ro=l

: 208 = 38

0=1.90

180 = 1.9"

x = 342

: P = 342°

 $c) \quad y = x^2 - 8x + 4$

Vertex $\left(-\frac{6}{2a}, f\left(-\frac{6}{2a}\right)\right)$

 $\frac{1}{2a} = \frac{8}{2} = 4$

 $f(-\frac{6}{2a}) = -12$

. Vertex (4, -12)

Focal distance =

 $(x^{2}-4)^{2}=(y-16)$

4a=1

: $a = \frac{1}{4}$: Focal point $(4, -12\frac{1}{4})$