

4110

$$a_n = 20 + 4n$$

$$100 = 20 + 4n$$

$$100 - 20 = 4n$$

$$80 = 4n$$

$$20 = n$$

Star 20

b)  $100 = n(n+1) + 10$

$$90 = n(n+1)$$

$$0 = n^2 + n - 90$$

$$10 \times 9 = 90$$

$$0 = (n+10)(n-9)$$

$$10 - 9 = 1$$

$$n = 9 \quad [n = \text{heltal} \quad n > 0]$$