$$\frac{-a^1+a^1+a-a}{a+1}$$

= 0

=) The innere element exists for all elements in CIRI {-13, *).

Commitatinity

$$a * b = ab + a + b$$

(IR\ {-1}, x) is anotistine.

Conducion

(IR \ f-13, *) is an Apelian group.

2·1) b)

$$= 3 (4n^{2} + 3n) + (4n + 3) + n = 15$$

$$= 3 n^2 + 2n - 3 = 0$$

=>
$$(n + 3)(n-1) = 0$$