a) if odd
$$i = 2a+1$$
 $a_1b_1 = odd$
 $a_2b_2 = odd$
 $a_1b_2 = odd$
 $b_1b_2 = 2y+1$

$$(2x+1)(2y+1)$$
 $2xy+2x+2y+1$

if;
$$x = 1$$

if; $x = 2$

if; $x = 1$

if; $x = 2$

if; $x = 1$

if: $x = 2$

if: $x = 1$

if: $x = 1$

()
$$n^2 - 3n + 9$$

if $n = 1 (odd)$

$$(1)^{2}-3(1)+9$$

= $1-3+9$
= $7(0)$

$$14 \text{ N=2 (even)}$$
 $(2)^2 - 3(2) + 9$
 $= 4 - 6 + 9$
 $= 7 (000)$