Exercise 3B

Q1

Answer :

Using the column method:

∴ a = 2

b = 3

a^2	2ab	b^2
04 + 1= 5	12+0 = 12	9

$$\therefore 23^2 = 529$$

Q2

Answer :

Using the column method:

Here, a = 3 and b = 5

a^2	2ab	b^2
09 +3 = 12	30 +2 = 32	25

$\therefore 35^2 = 1225$

Q3

Answer :

Using the column method:

Here, a = 5

b = 2

a^2	2ab	b^2
25 +2 =27	20	4

$\therefore 52^2 = 2704$

Q4

Answer :

Using column method:

Here, $a = 9$
$b = 6$

a^2	2ab	b^2
81 +11 =92	108 +3 =111	36

$\therefore 96^2 = 9216$

********** END **********