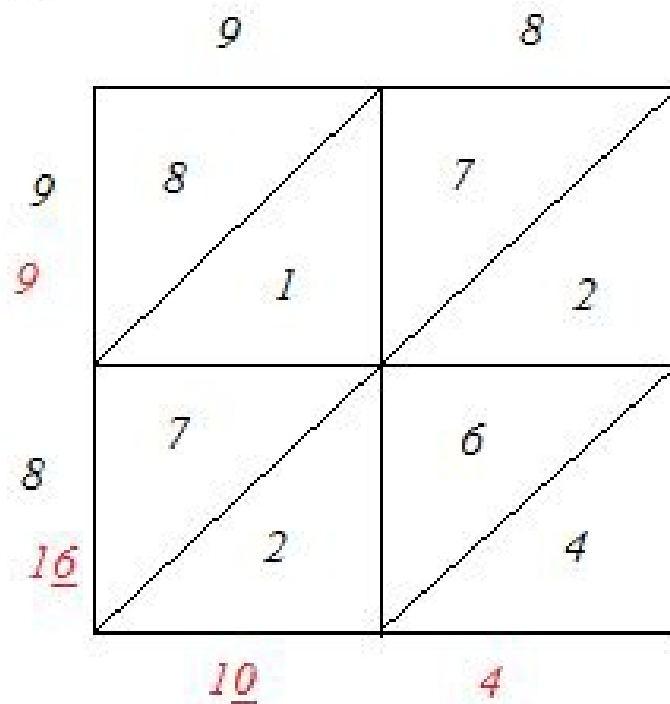




Squares and Square Roots Ex 3.3 Q2

Answer :

(i)



$$\therefore 98^2 = 9604$$

(ii)

	2	7	3	
2	$\begin{array}{c} 2 \\ 0 \end{array}$	1	4	6
7		4	9	1
3		2	1	9
		<u>25</u>	2	9

$$\therefore 273^2 = 74529$$

(iii)

	3	4	8	
3	$\begin{array}{c} 3 \\ 0+1 \\ =1 \end{array}$	1	2	4
4		1	6	2
8		3	2	4
		<u>20+1=21</u>	<u>10</u>	4

$$\therefore 348^2 = 121104$$

(iv)

	2	9	5
2		1	1
0	4	8	0
9	1	8	4
6+2 =8	8	1	5
5	1	4	2
26+1 =27	0	5	5
	9+1 =10	12	5

$$\therefore 295^2 = 87025$$

(v)

	1	7	1
1			
0	1	7	1
7		4	
1+1 =2	7	9	7
1			
18+1 =19	1	7	1
	11+1 =12	14	1

$$\therefore 171^2 = 29241$$

***** END *****