

Squares and Square Roots Ex 3.5 Q1

Answer:

(i)	
	112
1	12544
1	1
21	025
1	21
222	444
2	444
	0

Hence, the square root of 12544 is 112.

Hence, the square root of 97344 is 312.

(iii)

535	
5	286225
5	25
103	362
3	309
1065	5325
5	5325
	0

Hence, the square root of 286225 is 535.

(iv)

	625
6	390625
6	36
122	306
2	244
1245	6225
5	6225
	0

Hence, the square root of 390625 is 625.

Hence, the square root of 363609 is 603.

(VI)

987	
974169	
81	
1641	
1504	
13769	
13769	
0	

Hence, the square root of 974169 is 987.

Hence, the square root of 120409 is 347.

(VIII)	
	1213
1	1471369
1	1
22	047
2	44
241	313
1	241
2423	7269
3	7269
	0

Hence, the square root of 1471369 is 1213.

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Hence, the square root of 291600 is 540.

(x)	
	3107
3	9653449 9
61	065 61
6207 7	43449 43449
·	0

Hence, the square root of 9653449 is 3107.

Hence, the square root of 1745041 is 1321.

(XII)

	2002
2 2	4008004 4
40	000 00
400	080 00
4002 2	8004 8004
N	0

Hence, the square root of 4008004 is 2002.

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