	3.91452
3	15.3215
3	9
69	632
9	621
781	1115
1	781
7824	33400
4	31296
78282	210400
2	156564
	53836

Hence, the square root of 15.3215 up to three decimal places is 3.914.

(xii) We can find the square root up to three decimal places by using long division until we get four decimal places and then rounding it to three decimal places.

	0.9486
.9	0.90
9	81
184	900
4	736
1888	16400
8	15104
18966	129600
6	113796
	15804

Hence, the square root of 0.9 up to three decimal places is 0.949.

(xiii) We can find the square root up to three decimal places by using long division until we get four decimal places and then rounding it to three decimal places.

	0.3162
3	0.10
3	9
61	100
1	61
626	3900
6	3756
6322	14400
2	12644
	1756

Hence, the square root of 0.1 up to three decimal places is 0.316.

(xiv) We can find the square root up to three decimal places by using long division until we get four decimal places and then rounding it to three decimal places.

	0.1264
1	0.016
1	.1
22	64
2	44
246	1600
6	1476
2524	12400
4	10096
	2304

Hence, the square root of 0.016 up to three decimal places is 0.126.

(xv) We can find the square root up to three decimal places by using long division until we get four decimal places and then rounding it to three decimal places.

	0.0252
2	0.00064
2	.4
45	240
5	225
502	1500
2	1004
	496

Hence, the square root of 0.00064 up to three decimal places is 0.025.

(xvi) We can find the square root up to three decimal places by using long division until we get four decimal places and then rounding it to three decimal places.

	0.1378
1	0.019
1	1
23	90
3	69
267	2100
7	1869
2748	23100
8	21984
	1116

Hence, the square root of 0.019 up to three decimal places is 0.138.

(xvii) We can find the square root up to four decimal places by expanding 7/8 to decimal form up to eight digits to the right of the decimal point as shown below:

$\frac{7}{8} = 0.875$

Hence, we have:

	0.9354
9	0.875
9	81
183	650
3	549
1865	10100
5	9325
18704	77500
4	74816
	2684

So, the square root of 7/8 up to three decimal places is 0.935.

(xviii) We can find the square root up to four decimal places by expanding 5/12 to decimal form up to eight digits to the right of the decimal point as shown below:

$\frac{5}{2} = 0.41666666$

Hence, we have:

	0.6454
6	0.41666666
6	36
124	566
4	496
1285	7066
5	6425
12904	64166
4	51616
	12550

So, the square root of 5/12 up to three decimal places is 0.645.

(xix) We can find the square root up to four decimal places by expanding $2\frac{1}{2}$ into decimal form up to eight digits to the right of the decimal point as shown below:

$2\frac{1}{2} = 2.50000000$

But, this is the same with the value 2.5 in problem (ix). Hence, the square root of $2\frac{1}{2}$ is 1.581.

(xx) We can find the square root up to four decimal places by expanding $287\frac{5}{8}$ into decimal form up to eight digits to the right of the decimal point as shown below:

$287\frac{5}{8} = 287.62500000$

Hence, we have:

	16.9595
1	287.62500000
1	1
26	187
6	156
329	3162
9	2961
3385	20150
5	16925
33909	322500
9	305181
339185	1731900
5	1695925
	35975

So, the square root of $287\frac{5}{8}$ up to three decimal places is 16.960.

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