Q14

Answer :

Using the long division method:

	87	
8	75	81
8	64	
167	11	81
7	11	69
		12

Therefore, the number that should be subtracted from the given number to make it a perfect square is 12.

Perfect square = 7581-12

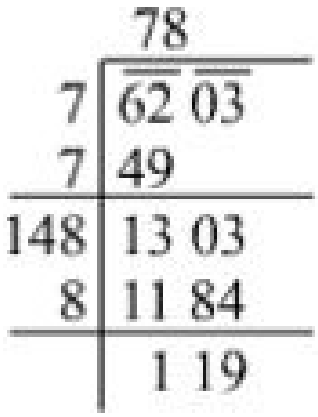
= 7569

Its square root is 87.

Q15

Answer :

Using the long division method:



Thus, to get a perfect square greater than the given number, we take the square of the next natural number of the quotient, i.e. 78.

792=6241

Number that should be added to the given number to make it a perfect square =6241-6203=38

The perfect square thus obtained is 6241 and its square root is 79.

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