



### Decimals Ex 7.5 Q1

**Answer :**

(i)  $25.35 > 8.47$

Here, the whole part  $23 > 8$ .

(ii)  $20.695 < 20.93$

Here, the whole parts are equal. Hence, we should check the tenth parts. Now, 9 is greater than 6.  
Therefore,  $20 + 6/10 + 9/100 + 5/1000 < 20 + 9/10 + 3/100$ .

(iii)  $0.39 < 0.72$

Here, the whole parts are 0. Hence, we should check the tenth parts. Now,  $3 < 7$ .  
Therefore,  $3/10 + 9/100 < 7/10 + 2/100$ .

(iv)  $0.109 < 0.83$

Here, the whole parts are 0. Hence, we should check the tenth parts. Now,  $1 < 8$ .  
Therefore,  $1/10 + 9/1000 < 8/10 + 3/100$ .

(v)  $0.236 > 0.201$

Here, the whole parts are 0. Hence, we should check the tenth parts in the two numbers, which are again equal.

So, we should now check the hundredth digit,  $3 > 0$ .  
Therefore,  $2/10 + 3/100 + 6/1000 > 2/10 + 0/100 + 1/1000$ .

### Decimals Ex 7.5 Q2

(vi)  $0.93 < 0.99$

Here, the whole parts are 0. Hence, we should check the tenth parts, which are again equal.  
So, we should now check the hundredth digit,  $3 < 9$ .  
Therefore,  $9/10 + 3/100 < 9/10 + 9/100$ .

### Decimals Ex 7.5 Q3

**Answer :**

(i)  $1.008 < 1.800$

The whole parts are equal, and comparing the tenth parts, we have  $0 < 8$ .  
Therefore,  $1 + 0/10 + 8/1000 < 1 + 8/10$ .

(ii)  $3.3 = 3.300$

The whole parts and the tenth parts are both equal.

(iii)  $5.64 > 5.603$

The whole parts and the tenth parts are both equal. Comparing the hundredth parts, we have  $4 > 0$ .  
Therefore,  $5 + 6/10 + 4/100 > 5 + 6/10 + 0/100 + 3/1000$ .

(iv)  $1.5 = 1.50$

The whole parts and the tenth parts are both equal.

(v)  $1.431 < 1.439$

The whole parts, the tenth parts and the hundredth parts are all equal. Comparing the thousandth parts, we have  $1 < 9$ .

Therefore,  $1 + 4/10 + 3/100 + 1/1000 < 1 + 4/10 + 3/100 + 9/1000$ .

(vi)  $0.5 > 0.05$

The whole parts are both 0. Comparing the tenth parts, we have  $5 > 0$ .  
Therefore,  $5/10 > 0/10 + 5/100$ .

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