



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, $5/10 > 0/10 + 5/100$.

***** END *****