

RD SHARMA

Solutions

Class 6 Maths

Chapter 7

Ex 7.5

Question 1

Fill in the blanks by using > or < to complete the following

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, $20 + \frac{6}{10} + \frac{9}{100} + \frac{5}{1000} < 20 + \frac{9}{10} + \frac{3}{100}$

iii) $0.39 < 0.72$

Here both the whole parts are 0. Hence , we should check the tenth parts , now, $3 < 7$

iv) $0.109 < 0.83$

Here both the whole parts are 0 . Hence, we should check the digit in the tenth parts $1 < 8$

v) $0.236 > 0.201$

Here both the whole parts are 0 . Hence, we should check the tenth parts in the two numbers, which are again equal . So we should check the hundredth digit $3 > 0$

vi) $0.93 < 0.99$

Here both whole parts are 0 . Hence, we should check the digits in the tenth place which is again equal. So, digit in the hundredth place $3 < 9$

Question 2

Which is greater? Give reason for your answer?

i) $1.008 < 1.800$

The whole parts are equal , and comparing the tenth parts, we have $0 < 8$

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 digit in the tenth place are equal. But , comparing the digits in the hundredth's place we get $4 > 0$

1. $1.5 = 1.50$

The whole parts and the digits in the tenth's place are equal.

iv) $1.431 < 1.439$

The whole parts, the digit in the tenth's and hundredth's place are equal. But comparing the digits in the thousandth's place $1 < 9$

v) $0.5 > 0.05$

Here the whole parts are both 0. Comparing the tenth's place , we have $5 > 0$.

