Exercise 5B

An improper fraction is greater than 1. Hence, it is always greater than a proper fraction, which is less than 1.

(i) $\frac{1}{2}$ $\boxed{<}$ 1

(ii) $\frac{3}{4}$ $\boxed{<}$ 1

(iii) 1 $\boxed{>}$ $\frac{6}{7}$

(iv) $\frac{6}{6}$ $\boxed{=}$ 1

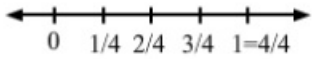
(v) $\frac{3016}{3016}$ $\boxed{=}$ 1

(vi) $\frac{11}{5}$ $\boxed{>}$ 1

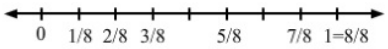
Q8

Answer :

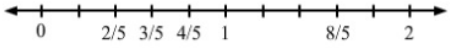
(i) Draw a number line. Mark 0 as the starting point and 1 as the ending point. Then, divide 0 to 1 in four equal parts, where each part is equal to 1/4.
Show the consecutive parts as 1/4, 1/2, 3/4 and at 1 show 4/4 = 1.



(ii) Draw 0 to 1 on a number line. Divide the segment into 8 equal parts, each part corresponds to 1/8. Show the consecutive parts as 1/8, 2/8, 3/8, 4/8, 5/8, 6/8, 7/8 and 8/8. Highlight the required ones only.



(iii) Draw 0 to 2 on a number line. Divide the segment between 0 and 1 into 5 equal parts, where each part is equal to 1/5.
Show 2/5, 3/5, 4/5 and 8/5 3 parts away from 1 towards 2. (1 < 8/5 < 2)



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