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CLASS- 5 DATE – 16.6 .21

SUB -MATHS S. T - PRAGYA

BASED ON N.C.E.R.T PATTERN

CH – 7 (FRACTIONS )

COMPARISON OF FRACTIONS

LIKE FRACTION WITH DIFFERENT NUMERATORS

- If two fractions have the same denominator,

The fraction having the smaller numerator

Is smaller than the other .

Example : compare : 3 / 8 and 5 / 8

Solution : since 3 < 5 , so 3 / 8 < 5 / 8

UNLIKE FRACTION WITH SAME NUMERATORS

Example : 3 / 9 and 3 /11

Solution : Since 9 < 11 , so 3 / 9 > 3 /11

UNLIKE FRACTION WITH DIFFERENT NUMERATOR

A. Find the L. C. M of the denominators of given Fractions.
B. Write the equivalent fraction for each fraction

With this L. C. M as the denominator.

C. Now, compare them , just like you compare Like fractions.

Example : 1 / 3 and 5 / 6

Solution : First, find the L. C. M of the denominator 3 and 6 . L. C. M = 6

Now , write the equivalent fraction with 6 as The denominators.

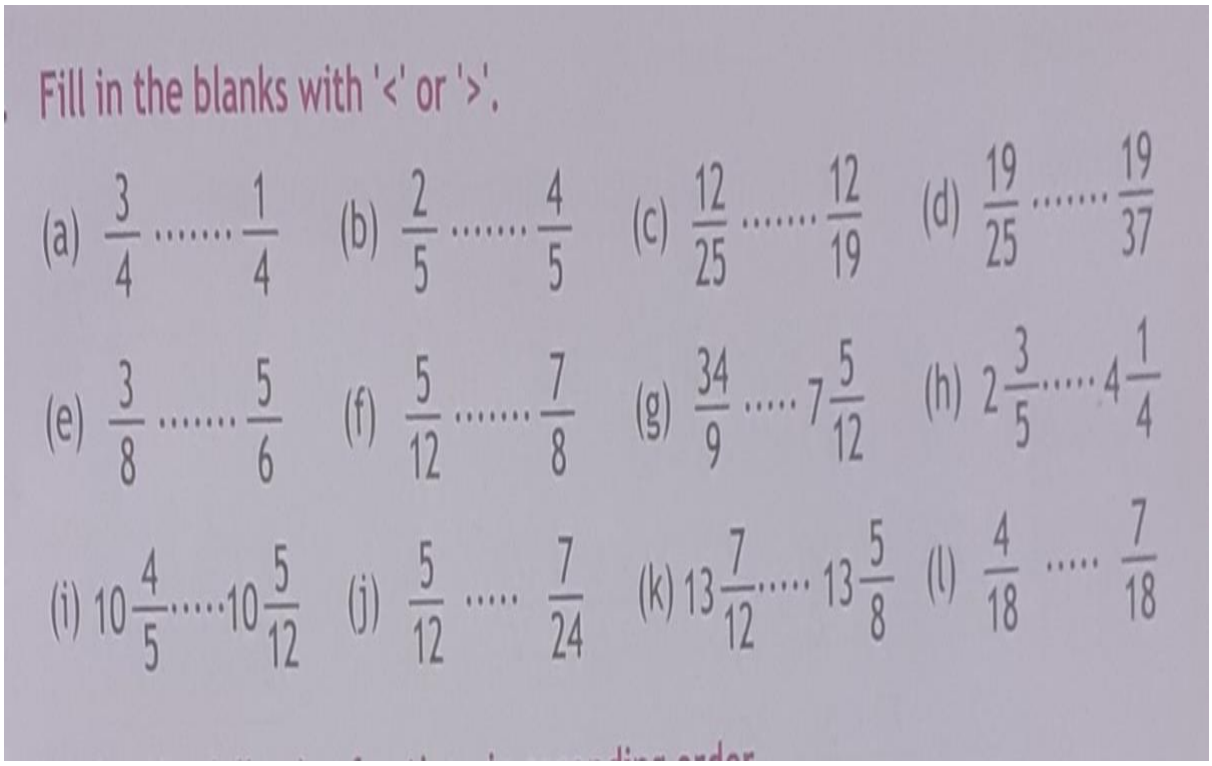
1/3 = 1×2 / 3×2 =2/6 and 5/6 = 5 × 1 /6×1=5/6

2/6 and 5/6 are like fractions, so compare their numerators.

Since 2<5 , so 2/6 <5/6 or 1/3 <5/6

See example and try to solve thes questions:-

EXERCISE 7 B



1. Fill in the blanks with < or > .