RNRWS-3

1) Find 3 rational numbers between

a) $\frac{5}{7}$ and $\frac{6}{7}$

To find 3 rational numbers between them we will multiply by 4 and make equivalent rational no.

$\frac{5}{7} \times \frac{4}{4} = _$ $\frac{6}{7} \times \frac{4}{4} = _$

Three rational numbers between them are _ , _ , _

Q2 Find 3 rational number between $\frac{1}{4}$ and $\frac{1}{5}$

Sol

First we make denominator same

L.C.M of 4 and 5 is _

To make denominator equal to LCM we will change to equivalent fractions

$\frac{1}{4} \times \frac{5}{5} = _$ $\frac{1}{5} \times \frac{4}{4} = _$

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To find 3 numbers between $\frac{5}{20}$ and $\frac{4}{20}$ we will multiply by _

$\frac{5}{20} \times$ _ = _ $\qquad$ $\frac{4}{20} \times$ _ = _

Ans 3 numbers are _ , _ , _

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