

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.

$$\frac{5}{7} \times \frac{4}{4} = \frac{\quad}{\quad}$$

$$\frac{6}{7} \times \frac{4}{4} = \frac{\quad}{\quad}$$

Three rational numbers between them are $\frac{\quad}{\quad}$, $\frac{\quad}{\quad}$, $\frac{\quad}{\quad}$

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 $\frac{\quad}{\quad}$

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

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

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

To find 3 numbers between $\frac{5}{20}$ and $\frac{4}{20}$ we

will multiply by —

$$\frac{5}{20} \times \text{—} = \text{—}$$

$$\frac{4}{20} \times \text{—} = \text{—}$$

Ans 3 numbers are — , — , —

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