



Operations on Rational Numbers Ex 5.5 Q1

Answer :

Since $-4 < -3 < -2 < -1 < 0 < 1 < 2 < 3$,
six rational numbers between $-\frac{4}{8}$ and $\frac{3}{8}$ are
 $-\frac{3}{8}, -\frac{2}{8}, -\frac{1}{8}, \frac{0}{8}, \frac{1}{8}, \frac{2}{8}$

Operations on Rational Numbers Ex 5.5 Q2

Answer :

Since

$-4 < -3 < -2 < -1 < 0 < 1 < 2 < 3 < 4 < 5 < 6 < 7$,
10 rational numbers between $\frac{7}{13}$ and $\frac{-4}{13}$ are,
 $\frac{-3}{13}, \frac{-2}{13}, \frac{-1}{13}, \frac{0}{13}, \frac{1}{13}, \frac{2}{13}, \frac{3}{13}, \frac{4}{13}, \frac{5}{13}, \frac{6}{13}$

Operations on Rational Numbers Ex 5.5 Q3

Answer :

(i) False, because there is no integer between 2 and 3.

(ii) True

(iii) True

***** END *****