



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 \*\*\*\*\*