

RATIONAL NUMBERS**THE ROLE OF ZERO (0) AND ONE (1)****EXERCISE**

Q1. Calculate the following:

a) $45 + 0 =$ _____

b) $7 \times 1 =$ _____

c) $0 \times 13 =$ _____

d) $25 - 0 =$ _____

Q2. Fill in the Blanks:

a) Zero is a _____ number.

b) One is a _____ number.

c) When you add zero to any number, the result is _____.

d) When you multiply any number by one, the result is _____.

Q3. For any rational number $\frac{a}{b}$, we have $(\frac{a}{b} \times 1) = (1 \times \frac{a}{b}) = ?$

Q4. Consider the rational number $\frac{3}{5} = ?$

Q5. Consider the rational number $\frac{-2}{3} = ?$

ANSWER KEY

1. a) 45, b) 7, c) 0, d) 25

2. a) Rational
b) rational
c) Whole number remains as whole number
d) The same number.

3. $\frac{a}{b}$

4. $\frac{3}{5}$

5. $\frac{-2}{3}$