



Rational Numbers Ex 1.6 Q7

**Answer :**

- (i) Positive
- (ii) Negative
- (iii) Positive
- (iv) Positive
- (v) Negative
- (vi) No
- (vii) 1
- (viii) -1 and 1

(viii) -1 and 1

(ix) a

(x) not

(xi) a

(xii) 12-1

Rational Numbers Ex 1.6 Q8

**Answer :**

(i)  $-4$

$$x \times y = y \times x \text{ (commutativity)}$$

(ii)  $\frac{5}{11}$

$$x \times y = y \times x \text{ (commutativity)}$$

(iii)  $\frac{3}{4}; \frac{1}{2}$

$$x \times (y + z) = x \times y + x \times z \text{ (distributivity of multiplication over addition)}$$

(iv)  $\frac{5}{7}$

$$x \times (y \times z) = (x \times y) \times z \text{ (associativity of multiplication)}$$

\*\*\*\*\* END \*\*\*\*\*