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

$x \times y = y \times x$ (commutativity)

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

$x \times y = y \times x$ (commutativity)

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

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

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

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

********** END *********