INTERNATIONAL INDIAN SCHOOL, TABUK

TERM- 1 (SESSION: 2025-26)

PRACTICE SHEETS

CLASS: VIII   **SUBJECT:** MATHEMATICS   **TOPIC:** **RATIONAL NUMBERS**

	Fill in the blanks.
1	_____ is the additive identity for rational numbers.
2	_____is the multiplicative identity for rational number.
3	a(b – c) = _____, it is the _____ property of rational numbers.
4	The multiplicative inverse of $-\frac{2}{3}$ is _____.
5	The additive inverse of - 3 is _____.
6	a x b = b x a is _____ property.
7	a + (b + c) = (a + b) + c is a _____ property.
	Answer the following questions in true or false.
8	Rational numbers are closed under division.
9	Whole numbers are commutative under multiplication.
10	Natural numbers are commutative under subtraction.
11	Integers are associative under addition.
12	Integers are associative under multiplication.

Find the values of the following questions.

13	$\dfrac{2}{4} + \dfrac{5}{6} + \dfrac{-3}{5}$
14	$\dfrac{3}{7} + \dfrac{-3}{5} + \dfrac{3}{10}$
15	$\dfrac{-3}{4} \times \dfrac{5}{7} \times \dfrac{12}{6} \times \dfrac{14}{15}$
16	$\dfrac{2}{7} \times \dfrac{1}{5} + \dfrac{3}{14} + \dfrac{2}{7} \times \dfrac{4}{5}$
17	$\dfrac{10}{11} \times \dfrac{4}{5} - \dfrac{3}{10} + \dfrac{10}{11} \times \dfrac{2}{5}$