

RATIONAL NUMBER HOMEWORK #2

1) If $a = \frac{1}{3}$, $b = \frac{-2}{5}$ and $c = \frac{4}{9}$, verify that

a) $a + b = b + a$

b) $a \times (b \times c) = (a \times b) \times c$

Also, state the property, above expressions show.

2) State True OR False. Give reason for your answer.

a) Identity for subtraction of Rational number is 0.

b) Identity for multiplication of Rational number is 1.

c) Addition of Rational numbers is commutative but not associative.

d) Every whole number is an integer.

3) Fill in the blanks:

a) The equivalent of $\frac{5}{8}$, whose numerator is 40 is _____.

b) Rational numbers can be added or multiplied in any _____.