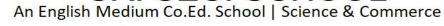


SHREE ACADI SR. SEC. SCHOOL =





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Worksheet for Subject - Maths

Topic -Rational Number

Worksheet-01

Fill in the blanks in the following table. (Yes/No)

Numbers	Closed under			
	Addition	Subtraction	Multiplication	Division
Rational numbers				
Integers				
Whole numbers				
Natural numbers				

1. Fill in the blanks in the following table. (Yes/No)

Numbers	Commutative for			
	Addition	Subtraction	Multiplication	Division
Rational numbers				
Integers				
Whole numbers				
Natural numbers				

2. Fill in the blanks in the following table. (Yes/No)

Numbers	Associative for			
	Addition	Subtraction	Multiplication	Division
Rational numbers				
Integers				
Whole numbers				
Natural numbers				

Worksheet-02

Rational Number

Solve:

1.
$$\frac{3}{7} + \left(\frac{-6}{11}\right) + \left(\frac{-8}{21}\right) + \left(\frac{5}{22}\right)$$

2.
$$\frac{-4}{5}$$
 x $\frac{3}{7}$ x $\frac{15}{16}$ x $\left(\frac{-14}{9}\right)$

3.
$$\frac{-2}{3}$$
 $\times \frac{3}{5} + \frac{5}{2} - \frac{3}{5}$ $\times \frac{1}{6}$

4.
$$\frac{2}{7} + \frac{3}{14} - \frac{5}{2} + \frac{1}{7}$$

$$5. \ \frac{7}{8} x \left(\frac{-4}{21} \right) \div \left(\frac{-4}{9} \right) x \left(\frac{2}{5} \right)$$

6.
$$\frac{2}{9} \times \left(\frac{3}{8} + \frac{5}{4} \right)$$