

MAR THOMA RESIDENTIAL SCHOOL, TIRUVALLA

FIRST ASSESSMENT - 2020-21

MARKS : 20

CLASS: VIII

MATHEMATICS

TIME : 30min

QUESTION 1

1. Evaluate : (a) $-3\frac{2}{3} + 1\frac{5}{9}$ (2)

(b) $-\frac{1}{12} - \frac{5}{6}$ (2)

2. Which rational number should be subtracted from $-\frac{8}{9}$ to get $\frac{5}{27}$. (3)

3. Name the multiplication property of rational numbers shown below:- (4)

(a) $\frac{4}{9} \times -\frac{1}{2} = -\frac{1}{2} \times \frac{4}{9}$

(b) $\frac{5}{-11} \times 1 = 1 \times \frac{5}{-11} = \frac{5}{-11}$

(c) $-\frac{7}{12} \times \left(\frac{1}{8} \times \frac{3}{7}\right) = \left(-\frac{7}{12} \times \frac{1}{8}\right) \times \frac{3}{7}$

(d) $\frac{-8}{5} \times \frac{5}{-8} = 1$

QUESTION 2

1. Simplify: (a) $-\frac{7}{5} \div \frac{105}{125}$ (1½)

(b) $\left(-4 \times \frac{7}{8}\right) - \left(-6 \times \frac{1}{4}\right)$ (1½)

2. Evaluate : $\left(\frac{3}{8} \times \frac{-4}{15}\right) + \frac{3}{5}$ (3)

3. Insert five rational numbers between $\frac{5}{6}$ and $\frac{8}{9}$ (3)
