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Teaching learning material

Class - 7th

Subject - Mathematics

Section - All

subject teacher - Bandana Kumari

Rational numbers

Exercise

1. Fill in the blanks:

(a) $\frac{-6}{11} = \frac{\quad}{-99}$

(b) $\frac{-5}{9} = \frac{\quad}{-72}$

(c) $\frac{-4}{-7} = \frac{28}{\quad}$

2. Express $\frac{-9}{5}$ as a rational number with denominator

(a) 20

(b) -35

(c) -45

(d) 30

3. Express $\frac{-7}{11}$ as a rational number with numerator

(a) 14

(b) -35

(c) 49

(d) -77

4. Express $\frac{3}{4}$ and $\frac{5}{12}$ as equivalent fractions having same denominator.

[Hint: find L.C.M. of 4 and 12]

5. Express $\frac{3}{7}$ and $\frac{2}{5}$ as equivalent fraction having same numerator.

[Hint: find L.C.M. of 3 and 2]

6. Can $\frac{2}{3}$ be written as

- (a) With denominator 6
- (b) With numerator 6
- (c) With denominator 8
- (d) With numerator 8
- (e) With numerator 9.
