

HOLIDAY HOMEWORK FOR CLASS – 8 FOR SUMMER VACATION: 2025-26

SUBJECT – MATHEMATICS

INTEGRATED PROJECT :

To collect the data from IPL -2025 matches played by CSK (Chennai Super King) with any other seven teams and to represent their score of CSK with each of the other 7 teams graphically by drawing a double bar graph and to find the winner of each match.

ACTIVITY :

Identify the fractional parts of quantities (Activity W-2.6 Bridge Program for Grade 8, Page No-20)

WORKSHEET :

1. ----- are closed under subtraction :

(a) Natural numbers (b) Integers (c) Whole numbers (d) none of these

2. ----- is the multiplicative identity for rational numbers

(a) 0 (b) 1 (c) -1 (d) 10

3. Which of the following is not a rational number

(a) - 1 (b) 0 (c) $\frac{11}{14}$ (d) $\frac{11}{0}$

4. Additive inverse of $\frac{-19}{23}$ is

(a) $\frac{-19}{23}$ (b) $\frac{19}{23}$ (c) $\frac{-23}{19}$ (d) $\frac{23}{19}$

5. The reciprocal of $\frac{-32}{25}$ is

(a) $\frac{32}{25}$ (b) $\frac{25}{32}$ (c) $\frac{-25}{32}$ (d) $\frac{-32}{25}$

6. Which of the following is self reciprocal

(a) 1 (b) -1 (c) 0 (d) both -1 & 1

7. If a rational number is multiplied by its reciprocal , the result is always

(a) 1 (b) 0 (c) -1 (d) none of these

8. In $\frac{5}{6} \times (\frac{1}{6} + \frac{7}{6}) = (\frac{5}{6} \times \frac{1}{6}) + (\frac{5}{6} \times \frac{7}{6})$, the used property is

(a) Closure (b) Commutativity (c) Associativity (d) Distributivity

9. What should be added to $\frac{-3}{4}$ to get - 1 ?

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