

## Worksheet - 4

1. Which number is reciprocal of itself?

- a) 0                      b) 1  
c)  $\frac{2}{3}$                       d)  $\frac{2}{5}$

2. Reciprocal of a proper fraction is \_\_\_\_\_ than 1.

- a) Lesser                      b) Equal  
c) Greater                      d) None of these

3. A fractional number is greater than 50, it's reciprocal will be \_\_\_\_\_.

- a) Less than 50 but more than 1.  
b) Must be greater than 50.  
c) Must be less than 1.  
d) Must be equal to 1.

4.  $\frac{220}{221} \div \frac{440}{663} =$  \_\_\_\_\_

- a)  $1\frac{1}{2}$                       b)  $\frac{2}{3}$   
c)  $\frac{1}{2}$                       d) None of these

5.  $\frac{7}{11} \div \frac{28}{33} \times \frac{5}{7} + \frac{6}{7} \times \frac{14}{27} \div \frac{21}{54} =$  \_\_\_\_\_

- a)  $\frac{2}{3}$                       b)  $\frac{28}{47}$   
c)  $\frac{47}{28}$                       d) None of these

6. Calculate the train fare for 1200 miles at  $5\frac{2}{3}$  rupees per miles.

- a) Rs. 5800                      b) Rs. 6800  
c) Rs. 7800                      d) Rs. 8800

7. One sixth population of a town is female. If the population of females is 72000, then what is the population of the town?

- a) 431000                      b) 4320000  
c) 432000                      d) None of these

8. A bike covers 650 miles in  $2\frac{3}{5}$  hours. How much distance it will cover in one hour.

- a) 200 miles                      b) 220 miles  
c) 230 miles                      d) 250 miles

9. A meet packet weighs  $2\frac{3}{5}$  kg, and it costs Rs. 350 per kg. What is the cost of 25 similar packets of meet?

- a) Rs. 21750                      b) Rs. 22750  
c) Rs. 20750                      d) Rs. 19570

10.  $3\frac{2}{3} \div 1\frac{5}{6} + 3\frac{8}{9}$  of  $1\frac{2}{7} + 1\frac{3}{7} \times 1\frac{4}{10} =$  \_\_\_\_\_

- a) 5                                  b) 7  
c) 9                                  d) 11

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