FRACTIONS

1. Compute (Whole ÷ fraction)

   (i) $3 \div \dfrac{1}{3}$ (ii) $5 \div \dfrac{1}{2}$ (iii) $4 \div \dfrac{1}{3}$ (iv) $5 \div \dfrac{1}{4}$

2. Write the reciprocals of the following fractions :-

   (i) $\dfrac{5}{9}$ (ii) $\dfrac{7}{8}$ (iii) $\dfrac{3}{4}$ (iv) $5\dfrac{1}{4}$

3. Solve by using with reciprocal property.

   (i) $8 \div \dfrac{1}{3}$ (ii) $5 \div 3\dfrac{1}{4}$ (iii) $39 \div 5\dfrac{2}{3}$ (iv) $5 \div 2\dfrac{3}{7}$

4. Vinay reads $\dfrac{2}{11}$th part of $\dfrac{9}{11}$ part of a book in day. Then how many days to complete the whole book ?

5. Solve

   (i) $5\dfrac{1}{7} \div 5$ (ii) $5\dfrac{2}{3} \div 24$ (iii) $\dfrac{6}{7} \div 3$ (iv) $\dfrac{18}{7} \div 7$

6. Solve the following divisions of fractions and also write result as mixed fraction wherever it is possible.

   (i) $\dfrac{5}{6} \div \dfrac{3}{4}$ (ii) $\dfrac{7}{8} \div \dfrac{2}{5}$ (iii) $3\dfrac{4}{7} \div \dfrac{14}{5}$ (iv) $4\dfrac{1}{3} \div 2\dfrac{1}{5}$

7. The perimeter of Bhonur high school promises is $\dfrac{14}{15}$ units.

   To complete $\dfrac{2}{15}$th part in 5 minutes for walking. Then how much time takes to complete $\dfrac{14}{15}$ units.