

**WORK SHEET**  
**SUBJECT- Maths**  
**Chapter-7: Fractions**

**CLASS- VI**

**Date-**

- 1 Write six improper fractions with denominator 7.
- 2 Convert each of the following into an improper fraction :  
a)  $9\frac{3}{8}$     b)  $8\frac{8}{13}$     c)  $12\frac{7}{15}$
- 3 Convert each of the following into a mixed fraction :  
a)  $\frac{101}{8}$     b)  $\frac{87}{16}$     c)  $\frac{95}{13}$
- 4 Neelam has 25 pencils . She gives  $\frac{4}{5}$  of them to Meena . How many pencils does Meena get ? How many pencils are left with Neelam ?
- 5 Represent  $2\frac{2}{5}$  on the number line .
- 6 Find equivalent fraction of  $\frac{6}{11}$  having  
i) denominator 77    ii) numerator 54
- 7 Find equivalent fraction of  $\frac{56}{70}$  with  
i) numerator 4    ii) denominator 10
- 8 Reduce the fraction  $\frac{84}{98}$  into its simplest form.
- 9 Arrange the following fractions in ascending & descending order  
 $\frac{3}{4}$  ,  $\frac{5}{8}$  ,  $\frac{11}{12}$  &  $\frac{17}{24}$
- 10 The weight of an empty gas cylinder is  $16\frac{4}{5}$  kg and it contains  $14\frac{2}{3}$  kg of gas . What is the weight of cylinder filled with gas ?
- 11 Simplify :  $5\frac{1}{6} - 3\frac{1}{4} + 3\frac{1}{3} + 4$
- 12 Write natural numbers from 1 to 50. What fraction of them are prime numbers?
- 13 Rama had Rs 40 , Sheelu had Rs 100 & Jina had Rs 100 . In school canteen , Rama spent Rs 20 , Sheelu spent Rs 25 & Jina spent Rs 40 . What fraction of money did each spend ? Arrange the fraction of the expenditure in ascending order .
- 14 Shaleen was able to solve  $\frac{3}{7}$  of the equations given for maths homework . What fraction of homework was left incomplete ?
- 15 What type of fraction can be converted into mixed fraction ?

- 16 What is a fraction ?
- 17 What should be added to  $3\frac{7}{15}$  to get  $8\frac{1}{5}$  ?
- 18 What fraction of a week is 3 days ?
- 19 Evaluate the following  $\frac{1}{2} + \frac{3}{4} + \frac{1}{8} - \frac{1}{12}$
- 20 Define Like , Unlike and Unit fraction.
- 21 What fraction is:  
a) 6 hours of a day  
b) 70 mm of a km  
c) 290 ml of a liter
- 22 Rohit and Rahul have study tables of the same size .Rohit used  $\frac{5}{6}$  of its space and Rahul used  $\frac{2}{5}$  of its space. Whose study table is more occupied and by what fraction?
- 23 a) Is  $\frac{4}{5}$  equal to  $\frac{5}{9}$  ?  
b) Is  $\frac{8}{60}$  is equal to  $\frac{1}{15}$  ?
- 24 Write three equivalent fractions of:  
a)  $\frac{2}{5}$                       b)  $\frac{1}{7}$                       c)  $\frac{5}{11}$                       d)  $\frac{6}{23}$
- 25` Mika was given  $\frac{2}{9}$  of a pack of toffees. What fraction of toffees was left in the pack?
- 26 Compute:  
a)  $\frac{23}{67} - \frac{21}{67}$   
b)  $\frac{11}{23} - \frac{9}{23} + \frac{13}{23}$
- 27 Nitin bought a piece of rope  $\frac{11}{8}$  m in length. He uses  $\frac{1}{4}$  of it. What is the length of the piece left?

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