



**GN TUTORIALS YOUR SUCCESS IS OUR AIM**  
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**MATHS**  
**Class : 6TH**

Roll No. :  
Date : 6/02/2021

Time - 1:00  
MM - 30

**1. Solve the following word problems.**

- (a) Tushar played 6 cricket matches. His team lost 2 matches. What fraction of the matches did they win ? 1
- (b) Saransh spend 10 hrs on his study. He spends 2 hrs of them on Mathematics. What fraction of his study hrs is devoted to Mathematics ? 1
- (c) Kanchan had 50 pens. She gave 30 to her friend. What fraction of pen did she give to her friend ? 1
- (d) In a class of 45 students, 15 students like Mathematics. What fraction of the students does not like Mathematics ? 1
- (e) In an examination, 1500 students appeared. 150 of them could not clear the exam. Find the fraction of those student who could not clear the exam. 1

**2. Fill in the Blanks.**

- (a)  $\frac{2}{5} = \frac{\square}{50}$  1
- (b)  $\frac{4}{7} = \frac{12}{\square}$  1
- (c)  $\frac{6}{9} = \frac{2}{\square}$  1
- (d)  $\frac{16}{14} = \frac{32}{\square}$  1
- (e)  $\frac{15}{70} = \frac{3}{\square}$  1
- (f) 2 days is ..... of a week 1
- (g) 8 hrs is ..... of a day 1
- (h) 40 paise is ..... of a rupee 1
- (i) 20 sec. is ..... of a minute 1
- (j) 3 mm is ..... of a cm 1

**3. Put the correct sign <, > or = in the box.**

- (a)  $\frac{11}{24} \square \frac{9}{24}$  1

- (b)  $\frac{7}{15} \square \frac{3}{5}$  1
- (c)  $\frac{4}{9} \square \frac{5}{3}$  1
- (d)  $1\frac{1}{4} \square 5$  1
- (e)  $\frac{3}{5} \square \frac{3}{7}$  1

4. Solve the following.

- (a)  $\frac{6}{17} + \frac{3}{17} + \frac{4}{17}$  1
- (b)  $\frac{5}{2} + \frac{7}{3}$  1
- (c)  $3\frac{1}{3} + 4\frac{3}{5}$  1
- (d)  $\frac{4}{9} + \frac{2}{15} + \frac{3}{5}$  1
- (e)  $\frac{7}{12} - \frac{1}{6}$  1

5. Multiple Choice Questions.

- (a) A proper fraction having numerator  $2 \times 3$  and denominator 17 is 1
- (i)  $\frac{17}{6}$
- (ii)  $\frac{6}{17}$
- (iii)  $\frac{1}{17}$
- (iv)  $\frac{5}{17}$
- (b) A proper fraction is always 1
- (i) less than 1
- (ii) greater than 1
- (iii) equal to 1
- (iv) none
- (c) An improper fraction is always 1
- (i) less than 1
- (ii) greater than 1
- (iii) equal to 1
- (iv) none

(d) Fractions  $\frac{1}{7}$  and  $\frac{3}{7}$  are like as they have equal

1

- (i) denominator
- (ii) numerator
- (iii) both (a) and (b)
- (iv) none

(e) If cost of 1 kg rice is ₹ 20, then cost of  $2\frac{1}{2}$  rice is

1

- (i) ₹ 40
- (ii) ₹ 50
- (iii) ₹ 80
- (iv) ₹ 100