

SUB-MATHEMATICS, CLASS-IV

CHAPTER -9 (Fractions)

WORKSHEET (Standard)

1. Convert the following into improper fractions:

a) $4\frac{2}{3}$ b) $7\frac{2}{5}$

2. Write '<', '>', '=' for the following fractions:

a) $\frac{15}{7}$ — $\frac{5}{7}$ b) $\frac{25}{47}$ — $\frac{15}{47}$

3. Write fraction in words for the following:

a) Three – fifths b. Seven – eighths

4. In the word “**DAV COLLEGE MANAGING COMMITTEE**” write the fraction of consonants in the given word.

5. What number will replace the “?” mark:

$$\frac{5}{11} = \frac{105}{?}$$

6. Write the next four equivalent fraction for :

$$\frac{12}{13}, \frac{24}{26}, \frac{36}{39}, \text{---}, \text{---}, \text{---}, \text{---}$$

7. Find the equivalent fraction of $\frac{13}{15}$ with denominator as 90.

8. Encircle the set of Proper fractions –

a) $\frac{5}{8}, \frac{3}{5}, \frac{18}{7}, \frac{11}{17}$ b) $\frac{7}{8}, \frac{3}{10}, \frac{23}{7}, \frac{15}{21}$

9. Subtract the following fractions:

$$\frac{126}{150} - \frac{73}{150}$$

10. Check whether the following fraction is equivalent or not:

$$\frac{12}{18} \text{ and } \frac{22}{15}$$

11. Convert the following to improper fraction:

$$1\frac{4}{5}$$

12. Arrange in descending order:

$$\frac{46}{47}, \frac{12}{47}, \frac{25}{47}, \frac{35}{47}, \frac{125}{47}$$

13. Arrange in ascending order:

$$\frac{55}{35}, \frac{85}{35}, \frac{25}{35}, \frac{125}{35}, \frac{63}{35}$$

14. Convert the following Improper fractions into mixed number:

a) $\frac{38}{10}$ b) $\frac{27}{14}$

15. When $\frac{36}{48}$ reduced to lowest term to be _____.

16. Convert the following mixed number into improper fraction:

$$4\frac{3}{8}$$

17. What is an Unit Fraction? Give an example.

18. What will be placed in the question mark:

$$\frac{22}{15} = \frac{?}{120}$$

19. Complete the pattern for:

$$\frac{8}{9}, \frac{16}{18}, _, _, _, _$$

20. Subtract the following fractions:

$$4\frac{2}{5} - 4\frac{1}{5}$$