



Subject: MATHEMATICS

Chapter – 8. Fractions

Name: _____

Class: IV Sec: -----

1. Convert the following into improper fractions:

$$4\frac{2}{3} =$$

$$8\frac{7}{12} =$$

$$7\frac{2}{5} =$$

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

$$\frac{5}{7} \text{ ----- } \frac{15}{7}$$

$$\frac{4}{6} \text{ ----- } \frac{2}{6}$$

$$\frac{12}{34} \text{ ----- } \frac{12}{34}$$

$$\frac{7}{8} \text{ ----- } 2\frac{3}{8}$$

3. Write fraction for the following:

Three – fifths = -----

Seven – eighths = -----

4. In the word "DAV COLLEGE MANAGING COMMITTEE" write the fraction of consonants in the given word.

5. What will be the fraction for six – elevenths? -----

6. What will be the fraction for ten – nineteenthths? -----

7. What number will replace the "?" mark:

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

$$\frac{12}{15} = \frac{?}{105}$$

8. Write the next four equivalent fraction for:

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

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

10. Subtract the following fractions:

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

$$\frac{20}{23} - \frac{13}{23} =$$



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$$\frac{45}{120} - \frac{28}{120} =$$

$$\frac{21}{11} - \frac{18}{11} =$$

11. Convert the following to improper fraction:

$$2\frac{5}{8} =$$

$$3\frac{7}{12} =$$

12. Convert the following Improper fractions into mixed number:

$$\frac{38}{12} =$$

$$\frac{27}{14} =$$

Find the value.

13. $\frac{8}{12} \times 108 =$

14. $\frac{7}{8} \times 104 =$

15. $\frac{1}{2}$ of 5 meters

Add the following fractions.

16. $\frac{15}{17}$ and $\frac{8}{17}$

17. $\frac{2}{15}$, $\frac{5}{15}$ and $\frac{6}{15}$

Arrange in ascending order.

18. $\frac{2}{11}$, $\frac{9}{11}$, $\frac{4}{11}$, $\frac{13}{11}$



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19. $\frac{17}{7}, \frac{5}{7}, \frac{13}{7}, \frac{2}{7}, \frac{1}{7}$

Fill in the blanks.

- 20. A number representing a part of a _____ is called a fraction.
- 21. Fractions with same denominators are called _____.
- 22. A proper fraction is _____ than 1.
- 23. Improper fraction written as a combination of a natural number and a proper fraction is called a _____ number.
- 24. Fractions having _____ in the numerator are unit fractions.
- 25. Fractions, where numerators are smaller than the denominators are called _____.
- 26. Fractions with different denominators are called _____.
- 27. When we multiply the numerator and denominator of a fraction by a common number other than 0 and 1, we get an _____ fraction.
- 28. An improper fraction is _____ than 1.

Word Problems.

- 29. Mrs. Toomer brought 40 cookies to school. Mrs. Toomer's classmate ate $\frac{1}{2}$ of the cookies and Mrs. Smith's classmate ate $\frac{1}{4}$ of the cookies. How many cookies are left?
- 30. Jeanne had ₹24. She spent $\frac{1}{4}$ of it. How much money is left with her?