Chapter- 11

Fractions

WORKSHEET

A. FILL IN THE BLANKS.

1. Unit fractions are those fractions whose numerator is always ___1___.

2. Like fractions are those fractions which have the same
   ___denominator___.

3. Fractions those are not like, they are known as ___Unlike___ fractions.

4. Fractions having the same value are known as ___Equivalent___ fractions.

5. The number of equal parts one whole has been divided into, is called the
   ___Equivalent___ of the fraction.

B. CHOOSE THE CORRECT ANSWER.

6. In $\frac{7}{13}$, ___7___ is the numerator.

   a. 13   b. 7   c. 1   d. 0

7. In $\frac{8}{15}$, 15 is known as ___Denominator___.

   a. Denominator   b. Numerator   c. Unit fraction   d. None

8. Write the fraction if N = 3 and D = 13. ___$\frac{3}{13}$___

   a. $\frac{7}{13}$ b. $\frac{8}{13}$ c. $\frac{3}{13}$ d. $\frac{6}{13}$

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9. The fractions those are having different denominators, are known as ___Unlike___ fractions.

   a. Like
   b. Unlike
   c. Unit
   d. None

10. The fractions in which the numerator is always ___1___.

    a. 0
    b. 2
    c. 3
    d. 1

C. DO AS DIRECTED.

11. Check whether the given fractions are equivalent or not.

    $\frac{3}{5}$ and $\frac{9}{14}$

    $\frac{3}{5} \diagup\diagdown \frac{9}{14}$

    $3 \times 14 = 42$ and $5 \times 9 = 45$
    So the given fractions are not equivalent.

12. Write the next two equivalent fractions of $\frac{6}{11}$.

    $\frac{6}{11} = \frac{6 \times 2}{11 \times 2} = \frac{12}{22}$ $\frac{6 \times 3}{11 \times 3} = \frac{18}{33}$

13. Add the following.

    $\frac{8}{11} + \frac{5}{11} = \frac{8+5}{11} = \frac{13}{11}$

14. Subtract the following.

$$\frac{9}{14} - \frac{3}{14} = \frac{9-3}{14} = \frac{6}{14}$$

15. Write the given fractions in words.

(i) $\frac{5}{11}$ — five-elevenths

(ii) $\frac{1}{2}$ — One-half

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