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 ___denominator___ 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. ___$\frac{3}{13}$___ $\frac{3}{13}$

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

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

   <u>unlike</u> fractions.

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

10. The fractions in which the numerator is always <u>1</u>.

   a. 0   b. 2   c. 3   d. 1 ✓

C. DO AS DIRECTED.

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

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

   $\dfrac{3}{5} \times \dfrac{9}{14}$

   $3 \times 14 = 42$ & $5 \times 9 = 45$

   Since the answer is not same at both the cases. So, $\dfrac{3}{5}$ & $\dfrac{9}{14}$ is not same at both 5 14 the cases equivalent fractions

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

   $\dfrac{6}{11} - \dfrac{9}{11}, \dfrac{12}{11}$

13. Add the following.

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

14. Subtract the following.

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

15. Write the given fractions in words.

(i) $\frac{5}{11}$ — five by eleven

(ii) $\frac{1}{2}$ — One-half

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