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~~ 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 $\dfrac{7}{13}$, ___*7*___ is the numerator.

    a. 13   b. *7* ✓   c. 1   d. 0

7. In $\dfrac{8}{15}$, 15 is known as ___*Denominator*___.

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

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

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

9. The fractions those are having different denominators, are known as _____unlikB_____ 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 $\frac{9}{14}$ $\frac{3}{5} \times \frac{9}{14}$ $3 \times 14 = 42, 5 \times 9 = 45$

   Since, the products are not equal, $\frac{3}{5}$ and $\frac{9}{14}$ are not equivalent fractions.

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

   Equivalent fractions of $\frac{6}{11}$ are: $\frac{6 \times 2}{11 \times 2} = \frac{12}{22}$,

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

13. Add the following.

   $\frac{8}{4} + \frac{5}{11} = \frac{8+5}{11} = \frac{13}{11}$

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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