

Fractions

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.
6. In $\frac{7}{13}$, 7 is the numerator.
7. In $\frac{8}{15}$, 15 is known as denominator.
8. Write the fraction if $N=3$ and $D=13$. $\frac{3}{13}$

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

10. The fractions in which the numerator is always 1.

11.

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

$$14 \times 3 = 42$$

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

$$9 \times 5 = 45$$

So, $\frac{3}{5}$ and $\frac{9}{14}$ are not equivalent.

12.

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

13.

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

14.

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

15. (i)

$\frac{5}{11}$ - Five-elevenths

(ii)

1 - One-half