

Mathematics worksheet

Fractions

- A.
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. 6. In $\frac{7}{13}$, _____ is the numerator.

a. 7

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

a. denominator

8. Write the fraction if $N=3$ and $D=$

13. _____

c. $\frac{3}{13}$

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

_____ fractions.

b. Unlike

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

d. 1

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

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

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

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

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

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

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

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

$\frac{12}{22}$ and $\frac{18}{33}$ are next two equivalent fractions of $\frac{6}{11}$.

13. Add the following.

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

14. Subtract the following.

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

15. Write the given fractions in words.

(i) $\frac{5}{11}$ = Five-elevenths

(ii) $\frac{1}{2}$ = One Half