

In questions 26 to 47, fill in the blanks to make the statements true.

26. The equivalent of $\frac{5}{7}$, whose numerator is 45 is _____.

27. The equivalent rational number of $\frac{7}{9}$, whose denominator is 45 is _____.

28. Between the numbers $\frac{15}{20}$ and $\frac{35}{40}$, the greater number is _____.

29. The reciprocal of a positive rational number is _____.

30. The reciprocal of a negative rational number is _____.

31. Zero has _____ reciprocal.

32. The numbers _____ and _____ are their own reciprocal.

33. If y be the reciprocal of x , then the reciprocal of y^2 in terms of x will be _____.

34. The reciprocal of $\frac{2}{5} \times \left(\frac{-4}{9}\right)$ is _____.

35. $(213 \times 657)^{-1} = 213^{-1} \times$ _____.

36. The negative of 1 is _____.

117. $\frac{7}{11}$ of all the money in Hamid's bank account is Rs. 77,000. How much money does Hamid have in his bank account?

125. Find the multiplicative inverse of

(i) $-1\frac{1}{8}$

(ii) $3\frac{1}{3}$

126. Arrange the numbers $\frac{1}{4}, \frac{13}{16}, \frac{5}{8}$ in the descending order.

84. Simplify

(i) $(3x + 2y)^2 + (3x - 2y)^2$

(ii) $(3x + 2y)^2 - (3x - 2y)^2$

86. Using suitable identities, evaluate the following.

(i) $(52)^2$

(ii) $(49)^2$