

NCERT Exemplar Solutions by Dev Anoop (Bathinda)

55. true
56. false. Mul. inverse of $-\frac{3}{5}$ is $-\frac{5}{3}$
57. false. add. inverse $\frac{1}{2}$ is $-\frac{1}{2}$
58. true. no. + add. inverse = 0
59. false. true only if $x = 0$
60. false. $\frac{x}{y} + \frac{c}{d} = 0$
61. true $\because \frac{a}{b} \neq 0 \therefore a \neq 0$
so reciprocal exists
62. false $\because x + y = 0 \Rightarrow x = -y$
 \therefore -ve of x is y
63. true. -ve of x is $-x$
-ve of $-x$ is x
64. false. 0 is -ve of 0
65. false. -ve of 1 is -1
66. false. let $x = 4, y = 3$
 $x - y = 1, y - x = -1$
 $\therefore x - y \neq y - x$