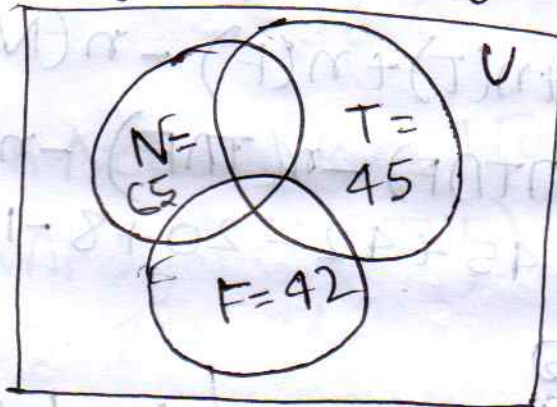


Answer no: 7

Drawing Venn diagram,



Suppose  $n(N)$  = Newsweek readers

$n(T)$  = Time readers

$n(F)$  = Fortune readers

$$N \cap T = 65 - 45 = 20$$

$$N \cap F = 65 - 42 = 23$$

Given that,

$$n(N \cap T) = 20$$

$$n(N \cap F) = 23$$

$$n(T \cap F) = 15$$

$$n(N \cap T \cap F) = 8$$