$$S[0] = -6$$
  $S[4] = -4$   $S[3] = -2$   $R[0] = 1$   $R[1] = 3$   $R[2] = 5$   $S[1] = 10$   $S[2] = 11$   $T[0] = 7$   $T[4] = 5$   $T[3] = 2$   $T[1] = 6$   $T[2] = 3$