```
Date:_
    Eisha Tir Raazia
    17K-3730
   P(9)
          - 0.3
    P(B) = 0.5
    P(0)
          = 0.2
                                 P(7FR19) = 0.35 - (1-0.65)
  P(FR/G) = 65% = 0.65
                                 P(7FR/B) = 0.18 = (1-0.82)
  P(FRIB) = 81% = 0.82
                                  P(TFR 10) = 0.50 = (1-0.50).
   P(FRIO) = 50% = 0.50
                                    TFR = not first run.
            FR = First run
Solution
                            P(B) P(7FR | B)
      P(BIFR) =
                     P(G)P(7FR/G) + P(B)P(7FR/B) + P(7FR/O)
                = 0.5 (0.18)
                  0.3(0.35)+0.5(0.18)+0.2(0.5
               = 0.00
                   0.295
         P(B|7FR)=0.30
```