

Wednesday - First Test

Sections 1.1-1.6 in Chapter 1 and
2.1-2.4 in Chapter 2.

Independence

E and F are independent

events if $P(EF) = P(E)P(F)$.

E , F , and G are independent events

if $P(EF) = P(E)P(F)$, $P(EG) = P(E)P(G)$,

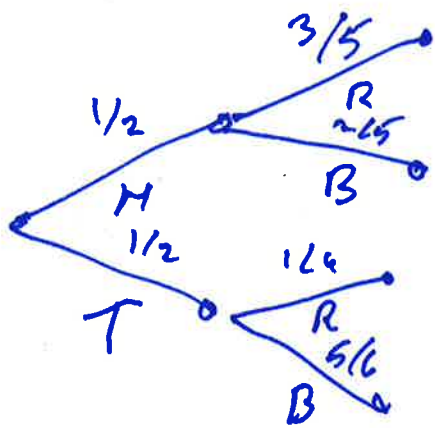
$P(FG) = P(F)P(G)$, AND $P(EFG) = P(E)P(F)P(G)$,

(etc.)

If E and F are independent events

then $P(E|F) = P(E)$ and

$P(F|E) = P(F)$.



Homework

2.31 - 2.37, Any 5 of 2.33 - 2.71,
2.72, 2.73, 2.74.

and Read Section 2.5,