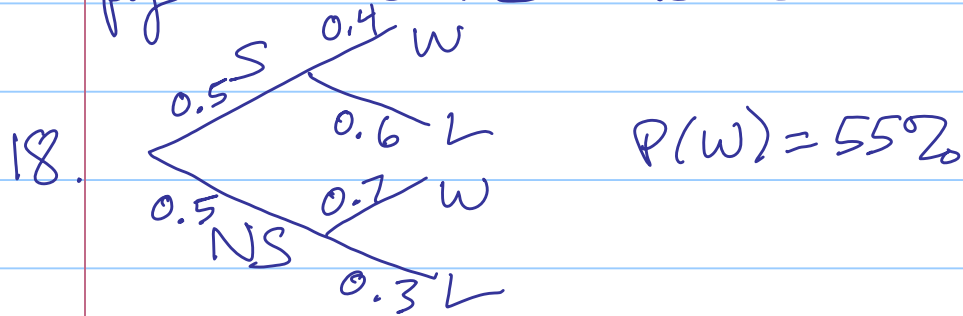


pg 700: 18-32 events



20. a) 0.15    b) 0.60

c)  $P(A) = P(A|B)$  because  $A$  and  $B$  are independent, the occurrence of  $B$  does not affect the occurrence of  $A$ .

22  $P(C)$

24.  $P(R|W)$

26  $0.50 = 50\%$

28.  $0.64$

30.  $0.36$

32. a) The second set of branches,  $L$  &  $N$ , are conditional, dependent upon the driver's age.

b) No, there are more (higher percentage) licensed adults than licensed minors.