

Sec 5.2 (Most Important in 5.2)

#9) 2 Q, 2 D \longrightarrow 2 Selected
X = Value in \$ or ¢

outcome	X = ¢	Prob.	X.P
2 Q	50	$P = \frac{C(2,2)}{C(4,2)} = \frac{1}{6}$	$\frac{50}{6}$
1 Q, 1 D	35	$P = \frac{C(2,1) \cdot C(2,1)}{C(4,2)} = \frac{4}{6}$	$\frac{140}{6}$
2 D	20	$P = \frac{C(2,2)}{C(4,2)} = \frac{1}{6}$	$\frac{20}{6}$
		Sum = 1	35¢

(Now: Try Section 5.5, # 3)

3 Q, 2 D, 1 N \longrightarrow 2 Selected

Chapter 5 Review problems 5.5