HWI Rand c/c++ are independent since .3 = .5 x.6
Both R c/c++

$$\frac{1}{O} P(R \cap \text{not } C|C^{++}) = P(R) \cdot P(C|C^{++}) \\
= (.5)(1-0.6) = (0.20)$$

(3)
$$P(c|c++ oR R) = P(c|c++) + P(R) - P(both)$$

= 0.6 + 0.5 - 0.3 = (0.80)

(i)
$$[C]$$
 parallel = E

P(at least 1 works) = 1 - P(work)

= 1-(.01)(.10) = .999

(8)
$$P(Few \cup GPA < 2.0) = P(Few) + P(<2.0) - P(both)$$

= $\frac{890}{1000} + \frac{255}{1000} - \frac{175}{1000}$
= $\frac{970}{1000} = (0.970)$

(a) $A \mid B = A - A \cap B$ if A and B are disjoint $A \cap B = \emptyset$ so $A - A \cap B = A - \emptyset = A$

True