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4.85, ignore "Venn diagram", as intermediate steps, find:
                                  P{Coffee and not Tea and Cola} (0.20)
P{Coffee and Cola} = P{Coffee and Tea and Cola} + P{Coffee and not Tea and Cola},
So P\{Coffee \text{ and not Tea and Cola}\} = P\{Coffee \text{ and Cola}\}\ - P\{Coffee \text{ and Tea and Cola}\}\
                                                                                     = 0.25 - 0.05 = 0.20.
                 (a,ii) P{Coffee and Tea and not Cola} (0.10)
P\{Coffee \text{ and Tea}\} = P\{Coffee \text{ and Tea and Cola}\} + P\{Coffee \text{ and Tea and not Cola}\},
So P\{Coffee \text{ and Tea and not Cola}\} = P\{Coffee \text{ and Tea}\} - P\{Coffee \text{ and Tea and Cola}\}
                                                                                    = 0.15 - 0.05 = 0.10.
                 (a,iii) P{Tea and not Cola} (0.15)
P{Tea \text{ and not Cola}} = P{Coffee \text{ and Tea and not Cola}} + P{not Coffee \text{ and Tea and not Cola}},
                                                 = 0.10 + 0.05 = 0.15.
                 (a,iv) P\{\text{Tea and Cola}\} (0.10)
P{Tea} = P{Tea and Cola} + P{Tea and not Cola},
So P{Tea and Cola} = P{Tea} - P{Tea and not Cola} = 0.25 - 0.15 = 0.10
                 (a,v) P\{\text{not Coffee and Tea and Cola}\} (0.05)
P\{ \text{ Tea and Cola} \} = P\{ \text{Coffee and Tea and Cola} \} + P\{ \text{not Coffee and Tea and Cola} \},
So P\{\text{not Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} = P\{\text{Tea and Cola}\} - P\{\text{Coffee and Tea and Cola}\} - P\{
                                                                                     = 0.10 - 0.05 = 0.05
                 (a,vi) P{not Coffee and not Tea and Cola} (0.15)
P{Cola} = P{not Coffee and not Tea and Cola} + P{Coffee and Cola} + P{not Coffee and Tea}
and Cola},
So P\{\text{not Coffee and not Tea and Cola}\} = P\{\text{Cola}\} - P\{\text{Coffee and Cola}\} - P\{\text{not Coffee and Tea}\}
and Cola = 0.45 - 0.25 - 0.05 = 0.15 
                 (b,i)
                                  P{Coffee or Tea} (0.65)
= P{Coffee} + P{Tea} - P{Coffee and Tea} = 0.55 + 0.25 - 0.15 = 0.65.
                 (b,ii) P{(Coffee or Tea) or(not Coffee and not Tea and Cola)} (0.80)
= P\{Coffee \text{ or Tea}\} + P\{\text{not Coffee and not Tea and Cola}\} - 0 (since mutually exclusive),
= 0.65 + 0.15 = 0.80
                 (b,iii) P{Coffee or Tea or Cola} (0.80)
= P\{(Coffee \text{ or Tea}) \text{ or (not Coffee and not Tea and Cola)}\} = 0.80
                 (b,iv) P{not (Coffee or Tea or Cola)} (0.20)
= 1 - P\{Coffee \text{ or Tea or Cola}\} = 1 - 0.20 = 0.80
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