Bài 1:

1. P(A+B)=P(A)+P(B)-P(AB)=0.138+0.261-0.082=0.317

3.

a. P(AB)=P(A)+P(B)-P(A+B)=0.138+0.261-0.317=0.082

b.P(A)=P(A)-P(AB)=0.138-0.082=0.056

c.P(B)= P(B)-P(AB)= 0.261-0.082=0.179

d.P()=P()=1-P(A+B)=1-0.317=0.683

Bài 2:

1. P(AB)=P(A)+P(B)-P(A+B)=1/3+1/2-3/4=1/12
2. P()=P()=1-P(A+B)=1-3/4=1/4
3. P()=P()=1-P(AB)=1-1/12=11/12
4. P(B)= P(B)-P(AB)=1/2-1/12=5/12
5. P(A)=P(A)-P(AB)=1/3-1/12=1/4

Bài 3:

1. P()=1-P(A)=1-0.3=0.7
2. P(A+B)=P(A)+P(B)-P(AB)=0.3+0.2-0.1=0.4
3. P(B)= P(B)-P(AB)=0.2-0.1=0.1
4. P(A)=P(A)-P(AB)=0.3-0.1=0.2
5. P(A+)=P()=1- P(B)=1-0.1=0.9
6. P(+B)=P()=1- P(A)=1-0.2=0.8

Bài 4:

1. P(A+B+C)=P(A)+P(B)+P(C)=0.2+0.3+0.4=0.9
2. P(ABC)=P(A).P(B).P(C)=0.2 . 0.3 . 0.4=0.024
3. P(AB)=P(A).P(B)=0.2 . 0.3=0.06
4. P( (A+B)C )=P(A+B).P(C)=0.5 . 0.4=0.2
5. P()=P()=1-P(A+B+C)=0.1

Bài 5: