(1/2 × 5/8) + (1/2 × 7/1)

= 7/11

$$= \frac{1}{2} \times \frac{7}{1}$$

$$0.678 = x - 350870$$

450 Application in , how,

By pourson Distocidoution

a)
$$\lambda = \frac{456}{60}$$

$$[\lambda = 15/2], x = 10$$

$$P(x = \pi) = e^{-15/2} [15/2]^{10}$$

$$= \frac{70!}{10!}$$

50.0858

b)
$$p(x=\pi) = e^{-15/2 \cdot (15/2)^{17}}$$

$$= 0.6321$$

```
1) cards - 52
   Diamond: 12
```

a) Either action or detarma

$$p(AUC) = p(B) + p(C) - p(ANC)$$

 $= 42 + 36.0$
 $p(AUC) = 78/100$

b) Either comedy our howerour

$$P(BUD) = P(B) + P(D) - P(BDD)$$
 $= 54 + 12 + 0$
 $P(BOD) = 66/100$