Probability = 
$$\frac{1301 \times 1301 \times 1301}{5203}$$

$$= \frac{13 \times 13 \times 13}{52 \times 51 \times 50}$$

$$= \frac{2197}{132000} = \frac{109}{10200}$$

$$= 0.0105$$

## 2) Action movies = H27.

243, FER PER LENDONS

b) 
$$F(6)$$
 fine semily on hornary  $F(2)$  formally  $F(2)$  formall  $F(2)$  formally  $F(2)$  formall  $F$ 

2150 Application in Thouse The comment or spranch mudans remembers a) 4 = 450 4=15/2 , 0=10  $P(x=n) = e^{-15/2} (15/2)^{10}$ =0.0858 b) p(+=a) = e -15/4 (15/4) 17