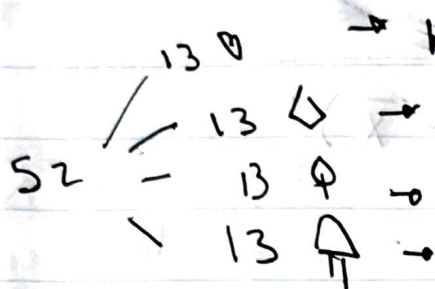


~~Math 101~~

2-4-2021

Ex 5



$$\text{Face cards} = \frac{3 \times 4}{52} = \frac{12}{52} = \frac{3}{13}$$

$$\text{Club cards} = 13/52 = 1/4$$

$$\text{Both} = 3/52$$

$$P(A \cup B) = 12/52 + 13/52 - (3/52)$$

$$P(A \cup B) = 22/52 = 11/26$$