

9.)

A: first draw is King

B: Second draw is King

C: Third draw is King

D: Fourth draw is King

$$P(B|A) = 3/51$$

$$P(C|B \cap A) = 2/50$$

$$P(D|C \cap B \cap A) = 1/49$$

$\therefore$  The probability that the first four draws are Kings is  $1/49 = 0.0204$