Simple Probability

QUESTION 1

| C | E | R | P | E | N |

A bag contains the letter cards above. A card is pulled out at random. C is the event of choosing a letter E. Find the probability of the event C'.

$$n(S) =$$

$$n(C) =$$

$$P(C) = \frac{n(C)}{n(S)} = \underline{\quad} = \underline{\quad}$$

$$P(C') = 1 - P(C)$$

$$= 1 -$$

$$= \underline{\quad}$$

QUESTION 2

A set of letters that forms the word MENJUSTIFIKASI is inserted into a box. One letter is taken from the set randomly. Calculate
(a) the probability of getting a vowel.

$$n(S) =$$

$$n(getting\ vowel) =$$

$$P(\text{getting vowel}) = \frac{n(\text{getting vowel})}{n(s)}$$

$$= \underline{} = \underline{}$$

(b) the probability of the complement of choosing a vowel.

complement of choosing vowel = choosing consonant.

$$P(\text{choosing consonant}) = 1 - P(\text{choosing vowel})$$

$$= 1 - \underline{} = \underline{}$$