

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' .

$$n(S) =$$

$$n(C) =$$

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

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

$$= 1 -$$

$$= \frac{\quad}{\quad}$$

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.

$$n(S) =$$

$$n(\text{getting vowel}) =$$

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

$$= \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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

complement of choosing vowel = choosing consonant.

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

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