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.

$n(S) =$

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

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

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

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

Complement of choosing vowel = choosing consonant.

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

$$= 1 - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

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