

Answer all questions

- (a) Sebiji belon separa kembung diletakkan di permukaan air suam. Didapati belon itu mengembang lebih besar selepas seminit.
A half-inflated balloon is placed on the surface of warm water. It is found that the balloon inflates larger after a minute.

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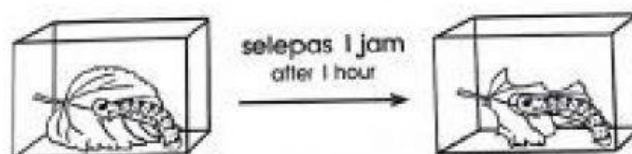


- (i) Apakah parameter yang berubah mengikut masa dalam situasi di atas?
What parameter changes by time in the situation above?

- (ii) Perihalkan hubungan antara parameter yang kamu nyatakan di (a)(i) dengan masa.
Describe the relationship between the parameter you mentioned in (a)(i) with time.

As the _____, the size of the balloon

- (b) Seekor ulat beluncas dibiarkan memakan sehelai daun. Keadaan daun itu diperhatikan selepas 1 jam.
A caterpillar is left alone to eat a leaf. The condition of the leaf is observed after one hour.



- (i) Nyatakan parameter yang berubah mengikut masa dalam situasi di atas.
State the parameter that changes by time in the situation above.

- (ii) Apakah hubungan antara parameter yang kamu nyatakan di (b)(i) dengan masa?
What is the relationship between the parameter you stated in (b)(i) with time?

As the _____, the size of leaf left _____