

H.W  
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Q. What do you mean by 'mean solar day'?

Ans - A mean solar day is the time taken by the Earth to complete one rotation about its own axis.

Q. The unit of time in MKS and ~~CGS~~ CGS system is second.

Q. How can you measure short time interval? Explain.

Ans- The short time interval of an event <sup>can be</sup> measured by the help of a stop clock or a stop watch or an electronic stop watch.

Stop watches have arrangements 'to start', 'to stop' and 'to reset at zero'.

An electronic stop watch is more accurate than a mechanical stop watch. It can measure time intervals upto 0.01s accurately. It doesn't have a minute or second arms and rather has a digital no. display screen.