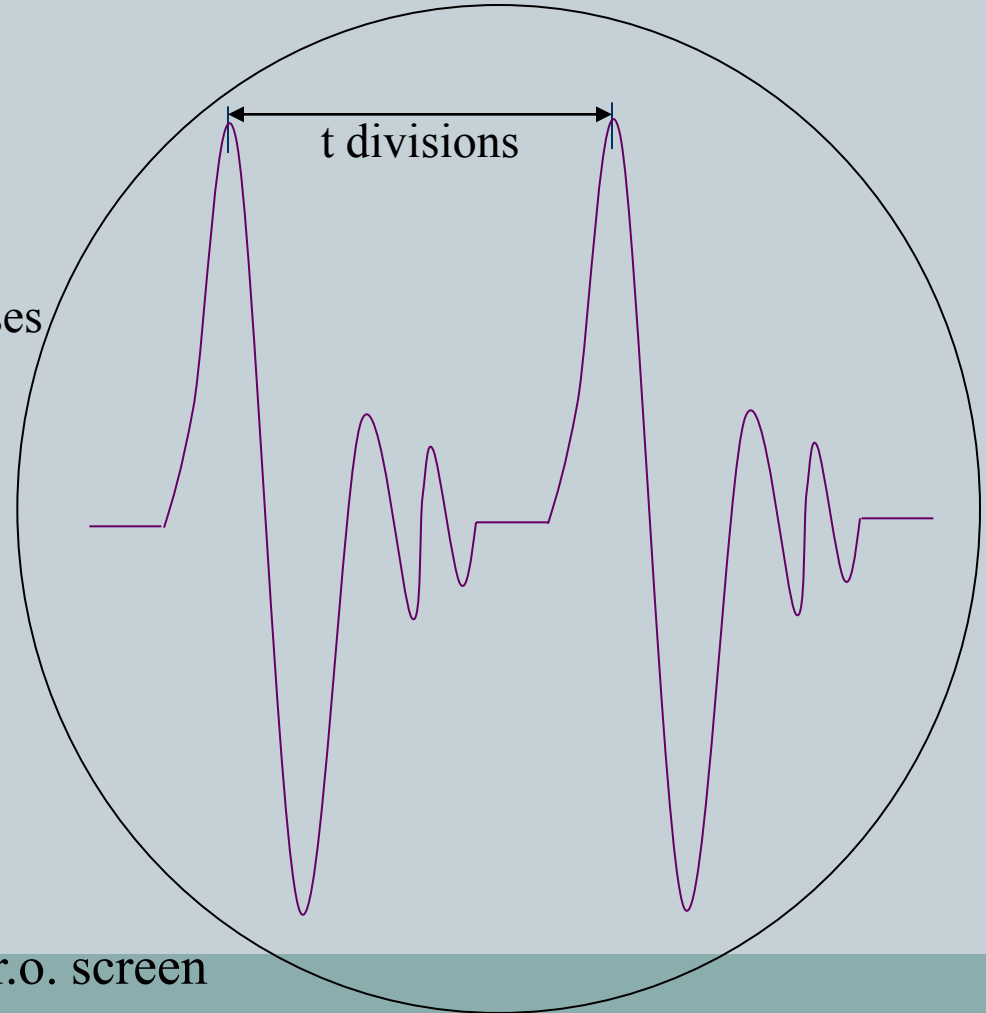


Measuring Short Time Intervals

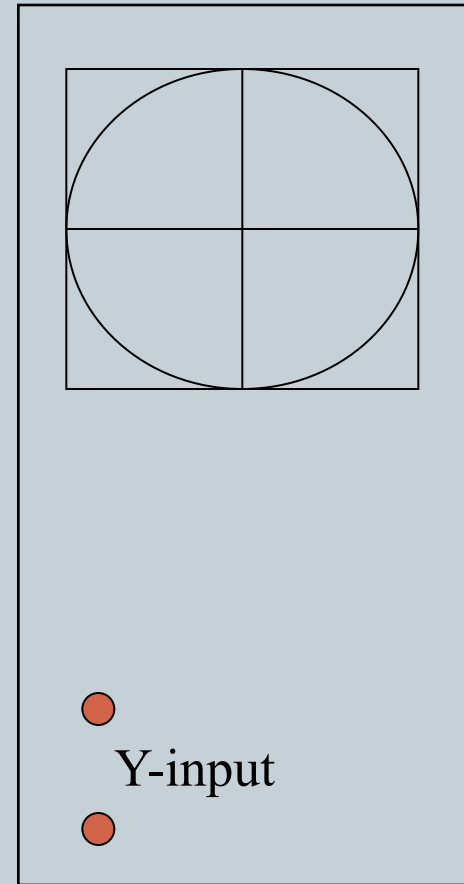


If the time-base is 10 ms/division
and if the separation between pulses
is t divisions then
time interval is $10t$ ms



c.r.o. screen

Measuring Short Time Intervals



Lissajous' Figures



- Lissajous' figure can be displayed by applying two a.c. signals simultaneously to the X-plates and Y-plates of an oscilloscope.
- As the frequency, amplitude and phase difference are altered, different patterns are seen on the screen of the CRO.

Lissajous' Figures



Same amplitude but different frequencies

