**EXPERIENCIA**

* Accede al laboratorio virtual:

[**https://fisquiweb.es/Laboratorio/AccesoZV.htm**](https://fisquiweb.es/Laboratorio/AccesoZV.htm)

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* Selecciona los siguientes valores en el panel de DATOS **(primera pantalla):**

**s0=0** (móvil coincidiendo con el origen)

**v0 = 0**

**a= 6 m/s2**

* ***Inicia la experiencia*** (botón Play). Toma datos de velocidad y distancia al origen y tiempo para los primeros 5 s.
* Haz un esquema de las posiciones del punto respecto del origen en los primeros 5 s.
* ***Repite la experiencia anterior para valores de a =4 m/s2 y a= 2m/s2.*** Anota datos de v y t para los primeros 5 s.

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| **a = 6 m/s2** | | **a = 4 m/s2** | | **a = 2 m/s2** | |
| t (s) | v (m/s) | t (s) | v (m/s) | t (s) | v (m/s) |
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* Representa las tres experiencias. ***Rotula*** el valor de la aceleración para cada una de las rectas.

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* ¿Qué conclusiones extraes de la gráfica?
* Haz una gráfica s/t para un cuerpo que se mueva con a= 6 m/s2. Considera los datos para los primeros 8 s.

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* ¿Qué conclusiones extraes de la gráfica?