**EXPERIENCIA 1**

* 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)

**v= 20 m/s**

**a= 0**

* ***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 v = 10 m/s y v= 40 m/s.*** Anota datos de s y t para los primeros 5 s.

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| **v = 10 m/s** | **v = 20 m/s** | **v = 40 m/s** |
| t (s) | s (m) | t (s) | s (m) | t (s) | s (m) |
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* Representa las tres experiencias. ***Rotula*** el valor de la velocidad para cada una de las rectas.

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* ¿Qué conclusiones extraes de la gráfica?

**EXPERIENCIA 2**

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

**s0=- 1000 m** (mover la línea que marca el origen)

**v0 = 25 m/s**

**a= 0**

* ***Inicia la experiencia*** (botón Play).
* El punto comienza a moverse.Observaren el panel Valores los datos de distancia al origen a medida que transcurre el tiempo***.***

 ***¿Por qué aparecen datos positivos y negativos ¿Cómo los interpretas?:***

***Plantea la ecuación correspondiente a este movimiento:***

* ***Determina, usando la ecuación, ¿en qué instante el que el móvil se encuentra a 60 m del origen?***