

**MemRead**  
**MemWrite**



The diagram illustrates the data flow for a memory unit. A central square box is labeled "Memoria de datos". Above the box, two blue arrows point downwards into the box; the top arrow is labeled "MemRead" and the bottom arrow is labeled "MemWrite". To the left of the box, two black arrows point into the box: the top one is labeled "Dirección" and the bottom one is labeled "Datos Escritura". To the right of the box, a single black arrow points outwards, labeled "Datos Lectura".

**Dirección** →

**Memoria  
de datos**

**Datos  
Escritura** →

→ **Datos  
Lectura**