**Concept/subject: Active vs. Passive Transport**

**Cell Venn Diagram Organizer**

* Both may use proteins to transport
* Carrier proteins are used by both
* Does not require energy
* Goes with or down the concentration gradient
* Passive transport
* Does not always use proteins
* Requires energy
* Goes against the concentration gradient
* Uses Carrier Proteins
* Active transport

Summary:

Active transport requires energy and goes against the concentration gradient. Unlike simple and facilitated diffusion that does not require energy and flows with the concentration gradient. Both however may use proteins, specifically carrier proteins.

SAME

DIFFERENT

DIFFERENT

Item 2: Passive Transport

Item 1: Active Transport