

**KEY FACTS**

- Diffusion: NET movement from HIGH to LOW concentration — passive
- Osmosis: NET movement of WATER through partially permeable membrane — high to low water potential
- Active transport: LOW to HIGH concentration — requires ATP and carrier proteins

**KEY TERMS**

<b>Diffusion</b>	Net movement high→low concentration — passive
<b>Osmosis</b>	Water movement through partially permeable membrane — high to low WP
<b>Active transport</b>	Against concentration gradient — needs ATP

■ EXAM TIP: Osmosis = WATER ONLY. Include "partially permeable membrane" in definition. Active transport needs ENERGY (ATP) — state both facts.