

## KEY FACTS

- Light: max  $\times 1500$ , can view living cells, resolution  $\sim 200$  nm
- Electron: much higher magnification and resolution, dead samples only
- Resolution = detail. Magnification = size.

## EQUATIONS / FORMULAS

**Magnification:**  $\text{Image size} \div \text{Actual size}$

## KEY TERMS

<b>Resolution</b>	Ability to see two separate points as distinct
<b>Magnification</b>	How much larger image appears vs real object

■ EXAM TIP: Resolution  $\neq$  Magnification. High magnification + low resolution = bigger but blurry. Always show working in mag calculations.