

## Cells Knowledge Organiser Questions

### Plant & Animal Cells:

Q1. What is the name of the small structures inside cells? \_\_\_\_\_

Q2. What four structures are found in ***both*** plant and animal cells? \_\_\_\_\_

\_\_\_\_\_

Q3. What three structures are ***only found*** in plant cells? \_\_\_\_\_

\_\_\_\_\_

### Microscopes:

Q3. How does a microscope magnify an object? \_\_\_\_\_

Q4. What two things do you need to remember when using a microscope? \_\_\_\_\_

\_\_\_\_\_

### Specialised Cells:

Q5. What are the special features of a root hair cell that enables it to absorb water and nutrients from the soil? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Q6. What are the special features of a red blood cell to enable it to carry oxygen? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Q7. What are the special features of a sperm cell? \_\_\_\_\_

\_\_\_\_\_

## Cells Knowledge Organiser Questions

### Movement In and Out of Cells:

Q8. What is diffusion? \_\_\_\_\_  
\_\_\_\_\_

Q9. What is diffusion in water called? \_\_\_\_\_

Q10. What substances move **into** and **out** of the cell? In = \_\_\_\_\_

Out: \_\_\_\_\_

### Unicellular Organisms:

Q11. Describe a unicellular organism. \_\_\_\_\_  
\_\_\_\_\_

Q12. Describe two things about an *Amoeba*. \_\_\_\_\_  
\_\_\_\_\_

Q13. Describe two things about a *Euglena*. \_\_\_\_\_  
\_\_\_\_\_