

Animal and Plant Cells Graded Classwork

1. Fill in the table to describe the organelles found in cells.

Comparing Animal and Plant Cells		
Cell Part	Plants, Animals, or Both?	Function
Cell membrane	Both	
Nucleus		
Mitochondria		Produces energy
	Plants	Uses energy from sunlight to make food
Cell wall		Surrounds and protects the cell

2. Which cell organelle controls the activities of the cell?

- a) Chloroplast
- b) Nucleus
- c) Mitochondria

3. Which cell organelle gives the cell its shape?

- a) Cytoplasm
- b) Mitochondria
- c) Cell membrane

4. A scientist looks at a cell under a microscope and makes this chart of what she finds:

Cell part	Observed
Cell membrane	Yes
Nucleus	Yes
Mitochondria	Yes
Chloroplast	No
Cell wall	No

1) What kind of cell does the scientist conclude this is?

- a- Animal
- b- Plant

How did you know?