

CLIL

Chapter 4

NAWI CLIL



Pro- and Eukaryotes

Decide whether or not the following statements on prokaryotes and eukaryotes are true or false:

Statement	True	False
1. Prokaryotic cells do not have a nucleus.		
2. Eukaryotic cells only consist of the organelles mitochondria and the endoplasmic reticulum.		
3. All prokaryotes are unicellular organisms.		
4. Eukaryotic cells are always larger than prokaryotic cells.		
5. Bacteria are an example of prokaryotic organisms.		
6. The genetic material in prokaryotes is usually found inside a membrane-bound nucleus.		
7. Eukaryotes can be unicellular or multicellular, whereas prokaryotes are always unicellular.		
8. Prokaryotic cells typically have a simpler structure compared to eukaryotic cells.		
9. Eukaryotic cells have a cytoskeleton that helps maintain their shape and structure.		
10. All plants, animals, fungi, and protists are made of eukaryotic cells.		

Answer key

1 – true, 2 – false (Eukaryotic cells contain numerous organelles.), 3- true, 4 – true, 5 – true, 6 – false (Prokaryotes have their genetic material in a region called the nucleoid, not inside a nucleus.)