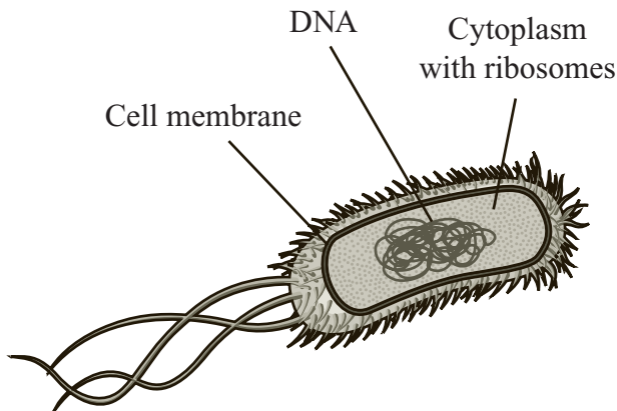


6

The diagram below shows the structure of a bacterial cell.



Which of the following distinguishes this bacterial cell from eukaryotes?

- A. The bacterial cell is a unicellular organism, and all eukaryotes are multicellular.
- B. Ribosomes are found in the cytoplasm of the bacterial cell, and eukaryotes do not have ribosomes.
- C. The bacterial cell has both a cell membrane and a cell wall, and eukaryotes have only cell membranes.
- D. DNA in the bacterial cell is always in contact with the cytoplasm, and all eukaryotes have DNA located inside a nucleus.