

**CHAPTER 9
WORKSHEET
BIO 275**
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True/False

- _____ 1. The animal kingdom is the only kingdom that lacks any organisms that relate to microbiology.
- _____ 2. With proper taxonomy, the genus and species names are always italicized and capitalized.
- _____ 3. Viruses are currently classified according to their nucleic acids, their capsid, and the presence or absence of envelopes.
- _____ 4. Quite often, the genus name of an organism is used to honor the scientist credited with its discovery.

Multiple Choice

- _____ 5. Viruses are
 - A. considered to be prokaryotes.
 - B. not classified by any classification scheme.
 - C. considered to be acellular particles.
 - D. placed in the kingdom Monera.
 - E. None of the above is true.
- _____ 6. The scientist credited with the development of the binomial scheme is
 - A. Linnaeus.
 - B. Semmelweis.
 - C. Leeuwenhoek.
 - D. Aristotle.
- _____ 7. The scientist most responsible for establishing the five-kingdom classification system currently in use is
 - A. Linnaeus.
 - B. Bergey.
 - C. Whittaker.
 - D. Margulis.
- _____ 8. A characteristic associated only with the kingdom Prokaryotae is the
 - A. cell membrane.
 - B. unicellularity.
 - C. photosynthesis.
 - D. lack of a true nucleus.
- _____ 9. Which of the following kingdoms are characterized by members that are eukaryotic and mostly all unicellular?
 - A. Monera
 - B. Protista
 - C. Fungi
 - D. Plantae
 - E. Animalia