Name:

Date:

School:

Facilitator:

1.01 Introduction to Anatomy and Physiology

# Anatomy/Physiology Differentiation

**Describe the difference between anatomy and physiology as it relates to the study of the human body, and give an example of each.**

1) Record answer in the box.

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|  |

# Life Processes

**Complete the questions and fill-in-the-blanks related to the 6 life processes or characteristics of life.**

**1)**       **is the life process that is described as the total of all chemical reactions occurring in the body.**

**2)**       **is the life process that is described as** **the ability to detect and respond to changes occurring outside and inside the body.**

3)       **is the life process that is described as** **the motion that occurs with the entire body, or individual organs, single cells and structures within cells.**

**4**)       **is the life process that is described as** **a process by which undifferentiated cells develop into specialized cells to perform specific functions.**

**5**)       **is the life process that is described as** the formation of new cells for growth, repair or replacement or the production of a new individual.

6)       is the life process that is described as the increase in body size due to an increase in size of existing cells, number of cells, or amount of material surrounding cells.

**7) What would be an example of the life process of differentiation?**

**8) What would be an example of the life process of metabolism?**

**9) What would be an example of the life process of reproduction?**

In Human Anatomy and Physiology, you will learn about the entire human body and its systems, including the reproductive system. Students are expected to approach diagrams, images, and discussions of the structure and function of all organ systems with respect and maturity.

Type in your name as an acknowledgement: