

## Homeostasis Knowledge Checklist

- \_\_\_\_\_ 1. Homeostasis keeps the living processes of an organism at a constant state. This state will never change.
- \_\_\_\_\_ 2. The sequence of a feedback is continuous and will not change.
- \_\_\_\_\_ 3. Homeostasis can best be described as adaptation to the external environment.
- \_\_\_\_\_ 4. Homeostatic mechanisms work on a negative feedback principle.
- \_\_\_\_\_ 5. Negative feedback loops hinder body processes.
- \_\_\_\_\_ 6. Sneezing due to dust is a positive feedback loop because it is continually working until the stimulus is gone.
- \_\_\_\_\_ 7. Positive feedback maintains homeostasis by resisting or reducing any deviation from a normal value.
- \_\_\_\_\_ 8. An increased rate of perspiration is due to a negative feedback loop.
- \_\_\_\_\_ 9. The release of oxytocin during the birth of a baby, to stimulate labor, is an example of negative feedback.
- \_\_\_\_\_ 10. There are three main components to all feedback loops.