

Vocabulary Activity 8-1



Sensation

Directions: Complete each sentence by writing the term that best completes the sentence.

- absolute threshold
- difference threshold
- perception
- psychophysics
- sensation
- signal-detection theory
- Weber's law

1. The organization of information received through our senses is known as _____.
2. The _____ for vision is the ability to see a candle flame 30 miles away on a clear night.
3. Researchers study _____ to understand the relationship between sensory experiences and the stimuli that cause these experiences.
4. If a person is carrying a 40-pound backpack, _____ states that he or she will be less likely to notice a one-pound weight being added to the pack than a person who has the weight added to a five-pound pack.
5. When you come into a warm room after being outside in a cold wind, your skin experiences a(n) _____ as the warm air touches the skin.
6. The _____ describes the smallest change in a physical stimulus such as light or sound that can be detected.
7. The _____ explains how you can hear your name spoken from across a crowded, noisy room.

Directions: Answer the following questions in the space provided.

8. Explain how Weber's law works using the sense of hearing.

9. Explain the difference between the absolute threshold and the difference threshold.

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