Chapter 10: Thinking and Language

Learning Objectives

1. Describe the nature of concepts and the role of prototypes in concept formation.

2. Describe how we use trial and error, algorithms, heuristics, and insight to solve problems.

3. Explain how fixation and confirmation bias interfere with effective problem solving.

4. Explain how heuristics influence our judgments.

5. Describe the effects of overconfidence and framing have on our judgments.

6. Describe artificial intelligence and its analogy to the way a computer works.

7. Describe the structure of language in terms of sounds, meanings, and grammars.

8. Describe the course of language development from babbling to the two-word stage.

9. Compare and contrast the linguistic determinism hypothesis and the interactionist perspective of language development.