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## 18-1 SECTION REVIEW

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1. Why are classification systems useful? What are two characteristics of a good classification system?
2. What advantage is there for two scientists on opposite sides of the world to use a single name for a particular organism?
3. **Connection—You and Your World** Give an example of a system you use to classify objects or people around you.

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## 18-2 SECTION REVIEW

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1. Why is the system of binomial nomenclature a good way to name organisms?
2. What is the smallest taxon? What is the largest taxon? Which of these taxa is the most specific?
3. **Critical Thinking—Applying Concepts** Two groups of organisms are in different genera but they are included in the same family. What does this information tell you about the two groups?

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## 18-3 SECTION REVIEW

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1. Which taxon has a clear biological identity? Explain your answer.
2. Why did evolutionary theory prove important in taxonomy?
3. **Critical Thinking—Relating Concepts** How can a study of biochemistry help taxonomists?

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## 18-4 SECTION REVIEW

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1. Why did the five-kingdom system of classification become widely used?
2. Why are the fungi placed in a separate kingdom?
3. **Critical Thinking—Applying Concepts** A single-celled organism could be placed in the Monera or the Protista kingdom. What factor would be the most significant for determining into which kingdom this organism should be placed?