



## Section 1.2 Science in Context

4. List four scientific attitudes, or habits of mind, that lead to exploration and discovery.

(1)

(2)

(3)

(4)

5. Explain *peer review* and why it is important.

6. Explain how *theory* differs from *hypothesis*.

### Section 1.3 Studying Life

7. List eight characteristics that most living things share in common.

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

8. Briefly explain asexual reproduction.

9. Explain what a cell is.

10. Explain the concept of **homeostasis**.

11. In your own words explain the coolest scientific theory that you know **or** the most interesting observation that has made you wonder about something.