

Read pages 15 – 19.

Write the answers to these questions on your own sheet of paper, not on this sheet.

1. List the 5 stages of the general scientific methodology.
2. What is the difference between qualitative data and quantitative data?
3. Indicate whether each piece of information is qualitative or quantitative:
 - a. Yellow feet
 - b. 32.5 milliliters
 - c. Fuzzy
 - d. Dark
 - e. 14 pounds
 - f. Three meters
 - g. Round
4. List 5 ways scientists can obtain data.
5. What is operational science?
6. What is historical science?
7. What kinds of jobs can a scientist do besides operational or historical science?