

Section 1.4 Scientific Research

In your textbook, read about types of scientific investigations.

For each description below, write *A* for applied research or *P* for pure research.

- _____ 1. Is undertaken to solve a specific problem
- _____ 2. Seeks to gain knowledge for the sake of knowledge itself
- _____ 3. Is used to find CFC replacements
- _____ 4. Was conducted by Molina and Rowland

In your textbook, read about students in the laboratory and the benefits of chemistry.

Answer the following questions.

5. When should you read the label on a chemical container?

6. What do scientists usually do when a scientific problem first arises?

7. What kinds of clothing should not be worn in the lab?

8. What is technology?

9. Which type of research would you be more interested in working in—pure research or applied research? Why?
