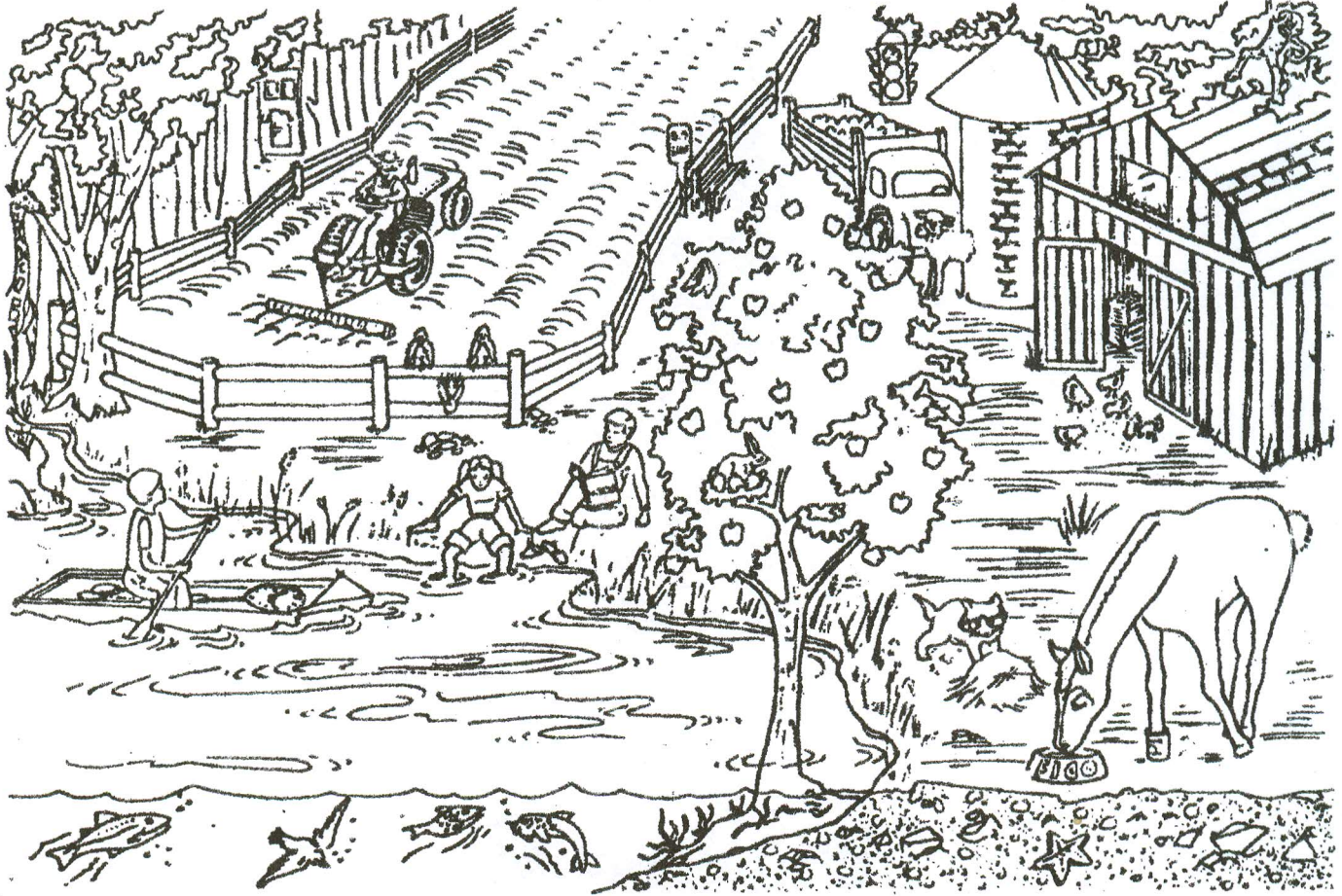


Chapter Review

Making Observations

One of the most important tools of a scientist is the ability to make accurate observations. Figure B-2 shows three students studying a farm environment. However, they are finding some strange things. There are at least twenty things wrong in the picture. How good an observer are you? Circle the things in the picture that are wrong.

B-2.



How many things did you find wrong? _____

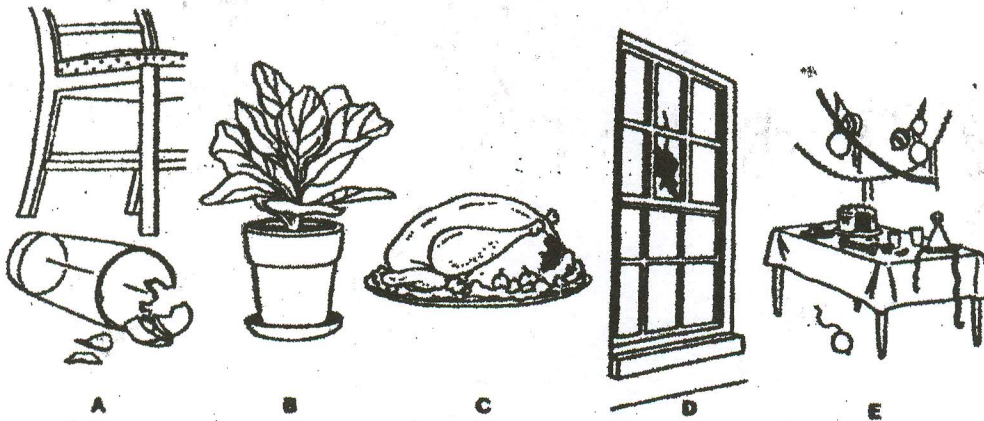
List them on the lines below.

Everything that happens in the natural world is the result of a sequence of events called *cause* and *effect*. For an event to take place (effect), something must have caused it (cause). Learning to distinguish between cause and effect is a helpful tool in reading and studying.

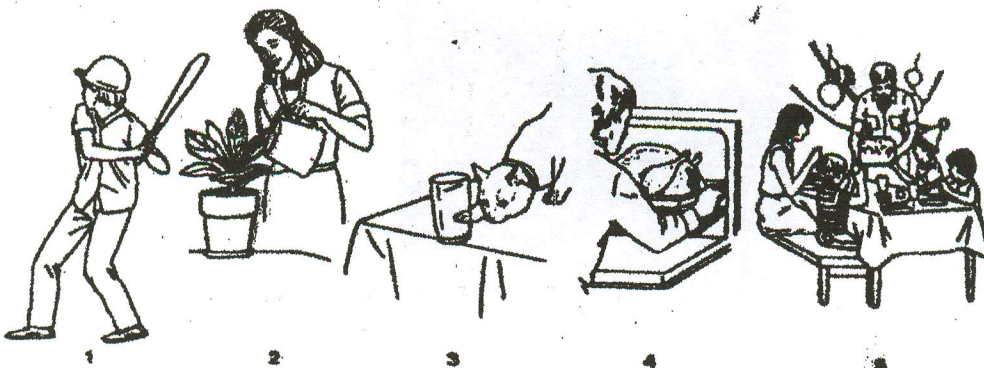
A. Read the following pairs of sentences. In each pair, identify the cause and the effect.

1. a. Henry's and Alice's clothes are too tight. _____
 b. Every evening Henry and Alice sit in front of the T.V. eating cookies. _____
2. a. I can't sleep. _____
 b. I got very sunburned at the beach today. _____
3. a. The plants have not been watered. _____
 b. The plants are wilted. _____
4. a. Alcohol affects a person's judgment and ability to react. _____
 b. A person who has been drinking is in an accident. _____
5. a. A green plant, kept in the dark, has lost its color. _____
 b. Green plants need light in order to make the green pigment chlorophyll. _____

A. Look at the pictures in Fig. 10. Each represents something that has happened (effect). Figure 11 shows pictures that represent causes for the events in Fig. 10. Match each event with a cause by filling in Table 2.



10.



11.

Table 2

Effect	Cause
A	
B	
C	
D	
E	