| and a | m 11 in the second of a sign of |
|-------|---|
|       | The three main branches of science are ①  2, and ③  |
| 2.    | Circle the letter of each topic of study that Earth science includes.   |
|       | a. human body c. oceans b. weather d. forces that shape Earth   |
| 3.    | What do space scientists study?   |
| 4.    | What topics of study does physical science include?   |
| 5.    | The study of the tiny particles that make up all things is called   |
| 6.    | Is the following sentence true or false? Life science does not include the study o  |
|       | human body.   |
| 7.    | Complete the concept map about life science.  |
| 7.    |   |
| 7.    | Complete the concept map about life science.  |
| 7.    | Complete the concept map about life science.  |
| 7.    | Complete the concept map about life science.  Life science  includes the  |

| 9.       | List four kinds of scientists that might work on the International Space Station.  |
|----------|--|
| 10       | Is the following sentence true or false? Biofuels are fuels made from soybeans and other plant matter.   |
| 11.      | Is the following sentence true or false? Chemists are the only scientists who are studying biofuels as a new source of energy.                       |
| _        | areers in Science  |
| Un<br>An | derstanding Main Ideas  swer the following questions in the spaces provided.   |
|          | What are the three main branches of science?   |
| 2.       | What topics does earth and space science include?  |
| 3.       | What topics does life science include?   |
| 4.       | What topics does physical science include?   |
|          | nswer each of the following questions in the spaces provided.  Why is it important for scientists from different fields to be able to work together? |
| c        | Why does it take the work of many different kinds of scientists for the International  |

- 6. Why does it take the work of many different kinds of scientists for the International Space Station to function smoothly?
- 7. What are biofuels, and how are chemists helping in the development of biofuels?
- 8. Why is it important for nonscientists to have a knowledge of science?