2. Complete the table with details about cardiovascular diseases.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Description</th>
<th>Effect on Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypertension</td>
<td>a. blood pressure consistently measuring 140/90 or higher</td>
<td>b. strains heart and blood vessels</td>
</tr>
<tr>
<td>Atherosclerosis</td>
<td>c.</td>
<td>d.</td>
</tr>
<tr>
<td>Heart attack</td>
<td>e.</td>
<td>f.</td>
</tr>
<tr>
<td>Arrhythmia</td>
<td>g.</td>
<td>h.</td>
</tr>
<tr>
<td>Congestive heart failure</td>
<td>i.</td>
<td>j.</td>
</tr>
<tr>
<td>Stroke</td>
<td>k.</td>
<td>l.</td>
</tr>
</tbody>
</table>
Section 23-1: Note Taking Guide (continued)

Treating Cardiovascular Disease

3. Complete the graphic organizer about detecting and treating cardiovascular disease.

Main Idea: There are many medical technologies and surgical methods available for detecting and treating cardiovascular disease.

<table>
<thead>
<tr>
<th>Testing Tools</th>
<th>Treatment Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. magnetic resonance imaging</td>
<td>e. balloon angioplasty</td>
</tr>
<tr>
<td>b. __________________________</td>
<td>f. ____________________</td>
</tr>
<tr>
<td>c. __________________________</td>
<td>g. ____________________</td>
</tr>
<tr>
<td>d. __________________________</td>
<td>h. ____________________</td>
</tr>
</tbody>
</table>

Preventing Cardiovascular Disease

4. List four risk factors for cardiovascular disease that you cannot control.

a. __________________________

b. __________________________

c. __________________________

d. __________________________

5. List six healthy habits that can reduce your risk for cardiovascular disease.

a. __________________________

b. __________________________

c. __________________________

d. __________________________

e. __________________________

f. __________________________
Cancer (pp. 609–613)

How Cancer Affects the Body

1. Complete the concept map with details about how cancer affects the body.

```
Cancer

- cells form
  a. ____________
  - can be
    d. ____________
    - spread by
      e. malignant
      h. ____________
  - mutations form
    f. oncogenes
    i. chemical
    j. ____________

- causes include
  b. ____________
  - contains
    g. ____________
    - can be
      k. ____________
  c. environment
    ____________
```

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Detecting and Treating Cancer

2. Use the letters of the word CAUTION to help you list the seven warning signs of cancer.

C
________________________________________________________________
A
________________________________________________________________
U
________________________________________________________________
T
________________________________________________________________
I
________________________________________________________________
O
________________________________________________________________
N
________________________________________________________________

3. Complete the graphic organizer about detecting and treating cancer.

Main Idea: The key to curing cancer is early detection and treatment.

Tests

<table>
<thead>
<tr>
<th>a. chest X-ray</th>
<th>d. surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. __________________________</td>
<td>e. _______________________</td>
</tr>
<tr>
<td>c. __________________________</td>
<td>f. _______________________</td>
</tr>
</tbody>
</table>

Treatments

g. __________________________

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4. Complete the graphic organizer by listing behaviors that can decrease your risk of cancer.

**Behaviors**

a. *Do not use tobacco.*

b. __________________________

c. __________________________

d. __________________________

e. __________________________

f. __________________________

g. __________________________

**Effect**

Lower risk of cancer
Other Chronic Diseases (pp. 614–619)

Diabetes

1. Compare type 1 diabetes and type 2 diabetes by completing the Venn diagram. Write similarities where the circles overlap, and differences on the left and right sides.

Type 1 Diabetes

- a. 
- b. 

Type 2 Diabetes

- c. involves insulin
- d. 
- e. 

- f. 
- g. 

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Section 23-3: Note Taking Guide (continued)

Allergies and Asthma

2. Complete the flowchart that describes what happens in an allergic reaction.

   a. A person is exposed to a(n) _______________, such as plant pollen.

   b. The immune system releases a chemical known as ________________.

   c. The person experiences symptoms such as ________________ and ________________.

3. Complete the graphic organizer by listing ways that people with asthma can prevent asthma attacks.

   **Behaviors**

   a. ________________________________

   b. ________________________________

   **Effect**

   Lower risk of asthma attack
Section 23-3: Note Taking Guide (continued)

Arthritis

4. Compare osteoarthritis and rheumatoid arthritis by completing the Venn diagram. Write similarities where the circles overlap, and differences on the left and right sides.

Osteoarthritis

- a. 
- b. 
- c. causes joint stiffness, pain, or swelling

Rheumatoid Arthritis

- d. 
- e. 
- f. 

Name _________________________ Class ____________________ Date _______
Disabilities (pp. 623–626)

Types of Disabilities

1. Complete the table with details about disabilities.

<table>
<thead>
<tr>
<th>Type of Disability</th>
<th>Caused by</th>
<th>Helped by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impaired vision</td>
<td>a. diabetes</td>
<td>d. cornea transplants</td>
</tr>
<tr>
<td></td>
<td>b.</td>
<td>e.</td>
</tr>
<tr>
<td></td>
<td>c.</td>
<td>f.</td>
</tr>
<tr>
<td>Impaired hearing</td>
<td>g. birth defects</td>
<td>j. hearing aids</td>
</tr>
<tr>
<td></td>
<td>h.</td>
<td>k.</td>
</tr>
<tr>
<td></td>
<td>i.</td>
<td>l.</td>
</tr>
<tr>
<td>Impaired mobility</td>
<td>m. diseases</td>
<td>o. walkers</td>
</tr>
<tr>
<td></td>
<td>n.</td>
<td>p.</td>
</tr>
</tbody>
</table>

Living With Disabilities

2. Describe the purpose of each of the following acts that protect the rights of disabled Americans.

a. Americans with Disabilities Act (ADA)

b. Individuals with Disabilities Education Act