

**Chapter 15 Notes Work Sheet****Completion***Complete each sentence or statement.*

1. A(n) \_\_\_\_\_ is a disease caused by abnormal chromosomes or by defective genes inherited by a child from one or both parents.
2. One way of coping with hereditary diseases, \_\_\_\_\_, is the process of informing a person or couple about his or her genetic makeup.
3. With information gathered from \_\_\_\_\_, scientists hope to treat hereditary diseases in different ways, including designing drugs that target hereditary diseases, making drugs to prevent diseases, improving gene therapy, and creating genetic tests that can tell you which hereditary diseases you might develop in your lifetime.
4. A disease in which the immune system attacks the cells of the body that it would normally protect is a(n) \_\_\_\_\_.
5. A(n) \_\_\_\_\_ called asthma occurs when the muscles that surround the bronchioles constrict.
6. A(n) \_\_\_\_\_ is a specialist in human genetics.
7. Your hair color and eye color are determined by your \_\_\_\_\_.
8. Inflammation of the joints is called \_\_\_\_\_.
9. A condition in which there is increased pressure on the eye, called \_\_\_\_\_, causes vision impairment and eye damage, and is one of the major causes of blindness in the United States.
10. A(n) \_\_\_\_\_ is a physical or mental impairment that interferes with a person's normal activity.
11. Three examples of complex hereditary diseases are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
12. Over-the-counter medicines to treat allergies are called \_\_\_\_\_.
13. An \_\_\_\_\_ caused by pathogens with molecules similar to a body's own cells might cause the immune system to attack the body's own cells, triggering an autoimmune disease.
14. Gentle \_\_\_\_\_ can help relieve some of the pain associated with the damaged joints caused by arthritis.
15. Small, implanted devices that bypass damaged ear structures, \_\_\_\_\_ do not restore normal hearing, but permit better understanding of surrounding sounds.
16. Damage to an area of the eye called the \_\_\_\_\_ leads to vision impairment.
17. Symptoms of the fatal single-gene disease \_\_\_\_\_ include involuntary movements, mood swings, depression, irritability, and inability to remember facts.
18. About \_\_\_\_\_ adults in the United States have tinnitus.