Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Chapter 8 Lesson 1Communicable Diseases**

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are living organisms or particles that cause disease.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_a disease caused by pathogens that can be spread from person- to -person.

**Common types Pathogens**

1. Viruses-microscopic particles that reproduce inside living cells(ex. colds & the flu
2. Bacteria-one cell organisms(ex. strep throat, Tuberculosis)
3. Fungi-living organisms(ex. athletes foot, ringworm)
4. Protozoa-one cell organisms that are larger and more complex than bacteria(ex. malaria)

**How pathogens enter the body**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- touching, kissing, or close contact with the person who carries the pathogen
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- contact with objects used by a person who has a pathogen (ex. doorknob, eating utensils)
3. Using a needle that has infected\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Inhaling \_\_\_\_\_\_\_\_\_\_\_\_\_\_, eating food, or drinking liquid that carries the pathogen.
5. Being bitten by an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or insect that carries the pathogen.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_a system of body organs, tissues, and cells that destroy pathogens.
* **First line of Body Defenses** is the skin, mucus membranes inside the nose and mouth and tiny hairs called cilia that trap pathogens inside the air passages.
* **Second line of Body Defenses**
* Fever- higher than normal kills pathogens
* Acid in the stomach
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are cells that fight pathogens that cause infections and illness. White blood cells form\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

protein substances in blood that can find, weaken, or destroy certain pathogens.

* **Third Line of Defense**
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is resistance to a particular disease.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are dead or weakened pathogens given for immunity.

**Common types of communicable diseases are:**

* Common cold
* Influenza
* Mononucleosis
* Tuberculosis

**Ways to avoid communicable disease:**

* Wash hands
* Keep your fingers away from your eyes, nose, and mouth
* Cover your mouth and nose when coughing or sneezing
* Don’t share personal items