Functions
1. Smooth – involuntary; works automatically to control certain movements inside the body such as digestion
1. Collects wastes produced by cells
1. Delivers needed materials – carries glucose and oxygen to the body's cells
1. Takes in oxygen – brings oxygen into the body so cells can release energy (respiration)
1. Provides shape and support – the vertebrae (backbone) is the center of the skeleton; all other bones are connected to it
2. B-cells react to each pathogen (germ) with a specifically targeted defense
2. Cardiac – involuntary; found only in the heart; contract repeatedly to create your heartbeat
2. Responds to information – causes a response to a stimulus (any change or signal in the environment that make an organism react)
2. Enables you to move – most bones are connected to muscles which pull on the bones to make the body move
2. Removes wastes from the body – in a process known as excretion
2. Regulates long-term changes such as growth and development
2. Molecules are absorbed into the blood – absorption is the process by which molecules pass through the wall of the digestive system into the blood
3. Eliminates solid wastes from the body – materials not absorbed by the body are eliminated
3. Phagocytes destroy the pathogens (germs)
3. Protects your organs –skull protects the brain, ribs protect the heart and lungs
3. Fights disease – transports disease-fighting white blood cells to help you get well
3. Maintains homeostasis – directs the body to respond appropriately to the information it receives
5. Store minerals until the body needs them – calcium and phosphorus are stored in bones and released when the body needs them

58 & 59 Functions Sort – Alternative Assignment

Name: _____ Date: _____

Directions: Cut apart the functions and match each to its correct system. Functions must be glued in NUMBER ORDER. Each system will be MISSING ONE FUNCTION. Use your notes to fill in the missing function - follow the given format, in which you must EXPLAIN the function.

Skeletal

1.

2.

3.

4.

5.

Muscular

1.

2.

3.

Excretory

1.

2.

3.

Circulatory

1.

2.

3.

Immune

1.

2.

3.

Respiratory

1.

2.

Digestive

1.

2.

3.

Endocrine

1.

2.

Nervous

1.

2.

3.