Grade 8 Body Systems Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. List the 11 human body systems. (pp.428-430)
2. Complete the following chart by entering the body system best described by the activity :

|  |  |
| --- | --- |
| Activity | Body System |
| Pumps a fluid for years without stopping |  |
| Gathers and releases energy from a fuel that it consumes in order to get body energy |  |
| Removes some waste but maintains body fluids |  |
| Send and receives messages around the body instantly |  |
| Provides protection from invaders |  |
| Repairs parts of itself when torn by contraction |  |
| Makes other functioning organisms similar to itself |  |
| Moves itself from place to place |  |
| Brings on puberty |  |
| Captures oxygen to bring to body cells |  |

1. Complete the following table by entering the Body system used to perform each particular Function:

|  |  |
| --- | --- |
| Function | Body System |
| Produces eggs and sperm |  |
| Defends the body from infections |  |
| Eliminates solid wastes |  |
| Exchanges oxygen for carbon dioxide |  |
| Protects soft organs such as the brain |  |
| Helps to move the body |  |
| Makes hormones |  |
| Breaks food down into nutrient particles |  |
| Removes liquid and gaseous wastes while maintaining the required volume of body fluid |  |
| Coordinates body activity |  |
| Transports blood containing nutrients, wastes, oxygen and carbon dioxide throughout the body |  |
| Causes our senses to respond to stimuli around us |  |
| Protects an offspring from conception till birth |  |