

Amoeba Sisters Video Recap: *The Eleven Human Body Systems*

1. Remember that your body is made up of millions of cells! Cells work together and perform various functions depending on their cell type. It is important to understand that cells are a part of an organism's levels of organization. Fill in the following chart and draw a picture that represents each level.

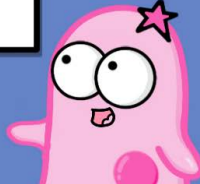
Level of Organization	Picture
Cells ↓	
↓	
↓	
↓ Organ System	

Each body system has many functions. In fact, each system has many more functions than what a seven minute video clip can cover! Below is a list of major overall body system functions. In each box, write the name of the body system that **best** fits the description. The wording is not necessarily identical to the video clip---you may need to think about these!

2. Protects from water loss and outside environment:	3. Major role in hormone production:
4. Major role in gas exchange:	5. Excretes waste material and very important for homeostasis:
6. Provides active defense against pathogens:	7. Involved in the mechanical and chemical breakdown of food:
8. Allows for movement:	9. Provides ability to reproduce
10. Transports gases and nutrients:	11. Supports the body with structure:
12. Coordinates involuntary and voluntary responses:	



1. Circulatory	2. Digestive	3. Endocrine
4. Excretory	5. Integumentary	6. Lymphatic/ Immune
7. Muscular	8. Nervous	9. Reproductive
10. Respiratory		11. Skeletal



Remember that organ systems do not work in isolation! They work together as a team. In the following scenarios, select at least two organ systems that would certainly be working together for the scenario. Then, illustrate a cartoon that represents it! #15 has a place for you to create your own scenario.

Scenario:	Body Systems Directly Involved (Give at Least 2)	Cartoon
13. Ouch! You step on a tack and jerk away without even thinking. Then you decide to pick up the tack and place it back in a desk drawer.		
14. You drink two cans of your favorite sugary soda, even though you know this is not healthy for you. You have to run to the bathroom before the next class period starts.		
15.		

