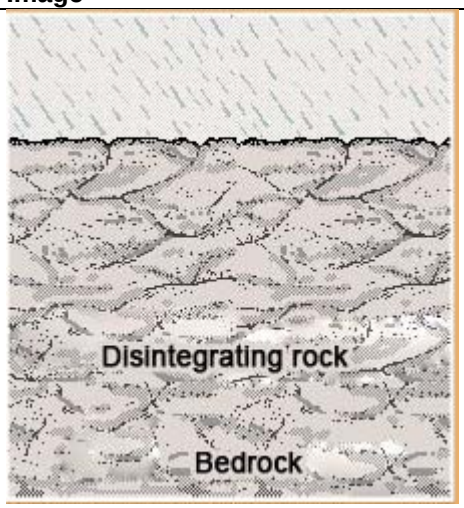
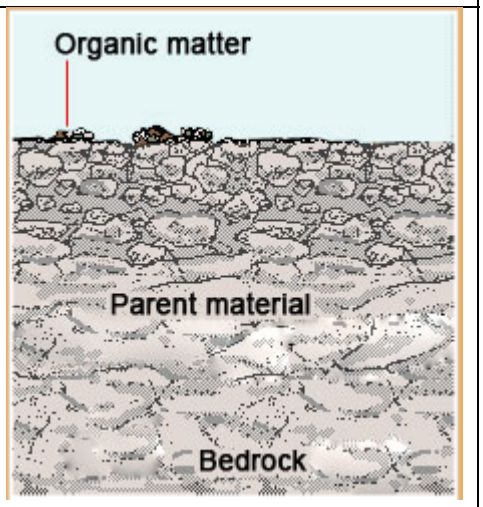
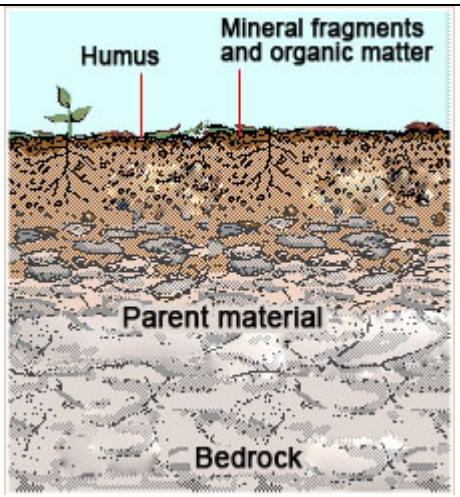
Example: **Soil Formation**

Directions: Read the information about each stage in the process below.

Stage	Explanation	Image
Stage 1 Bedrock	Rocks exposed to the surface are subject to the forces of weathering and begin to break down and disintegrate.	
Stage 2 Organic Disintegration	As the rocks break down, some small plants begin to colonize the area. They produce plant acids that further advance the weathering process. When the plants die, they add organic matter to the small rock particles. Slowly, a soil is forming over the bedrock. It is made of broken up rock and plant organic matter.	

Stage 3 Horizons Form	With more time, the soil becomes deeper. Larger plants begin to grow, contributing to more weathering and adding more organic material to the soil.	
Stage 4 Developed Soil	At this stage, the soil has become even thicker and now supports a variety of plant life. The process will continue. The area will undergo more weathering, and the soil will become even deeper with time.