Digestive Process pg. 516

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| What are the functions of the digestive system?  What is digestion?  What are the types of digestion?  What is absorption?  What happens in the mouth?  What is an enzyme?  What happens in the esophagus?  What happens in the stomach? | 1. Breaks down food to be used  2. Absorbs nutrients  3. Eliminates waste  Digestion is breaking down food into smaller nutrients.  Mechanical- physically breaking (chewing)  Chemical- uses chemicals (duh, saliva & stomach acid)  Absorption is when nutrients are absorbed (duh) into your blood.  Mechanical:  1. Canines tear and slash food into smaller pieces  2. Premolars/molars crush and grind food  3. Incisors cut food into bite-sized pieces  Chemical:  Saliva (spit) moistens and breaks down food  Enzymes are proteins that speed up chemical reactions.  Smooth muscle contracts (peristalsis) in the esophagus to push food to stomach.  Mechanical:  Stomach churns  Chemical:  Stomach acid breaks up food |

Summary: