



ANSWERS

1. Viruses are a kind of microorganism. They contain several strands of genetic material (DNA or RNA) and are surrounded by a layer of protein called the CAPSID.
2. CAPSID
3. When they enter a living system, they inject their DNA directly into their host's cells and begin to replicate. The more copies of itself the virus is able to make, the more of its hosts cells it takes over.
4. Some argue that they are not living creatures because they don't metabolize food into energy or have organized cells. They are also not generally able to reproduce outside of a host and are inactive when not inside a living cell.
5. the common cold, Ebola, HIV, and smallpox
6. In many cases, there is no medicine to fight a virus. It is up to our body's immune system to fight the virus off.
7. Many viruses are usually spread through the respiratory droplets that leave a person's body when they cough or sneeze. Viruses can also move from person to person when you shake hands with someone, or when you touch something that someone with a virus has touched. Some viruses are passed from host to host by insect bites, animal bites (like rabies), or through bad food.