



Use the diagram above and your text book (pages 123 - 124) to complete the following paragraph.

The cycle of viral reproduction occurs when a virus
 inserts its into a cell. In a
 , above, the , above, the virus attacks
 specific specific site on the cell membrane.
 . Once attached to the host cell, the virus
 its genetic material into the cell and the host's
 replicates the viral or . New
 are assembled, then the host cell
 and releases the new virus particles.

In the _____ cycle an enzyme causes the cell to copy _____ into its own DNA. As the cell passes through _____ the viral RNA is replicated and becomes the _____ of each new cell. This process occurs _____ without _____ the cell.

Answer each question in the space provided:

1. Which method of viral reproduction remain hidden and cause no symptoms in a _____?
2. When a cold sore appears, viruses are being produced. What method _____?
3. Which viral reproductive cycle is the most damaging to cells? _____
4. When inserted into the host cell's DNA, the viral DNA or RNA is called a/an _____.
5. The polio virus will infect most _____.
6. The outer coat of a virus is called a/an _____.