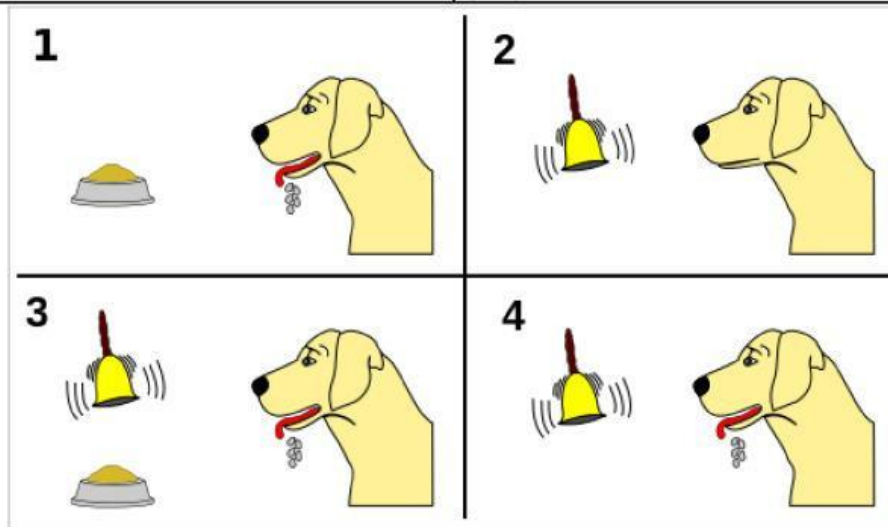


## Classical Conditioning Practice

|  |   |
|--|---|
| (US) Unconditioned stimulus<br>(UR) Unconditioned response<br>(CS) Conditioned stimulus<br>(CR) Conditioned response | (US) = Food<br>(UR) = Salivation<br>(NS) = Bell<br>(CS) = Bell<br>(CR) = Salivation |
|--|---|



**Directions:** Each example below is **classical conditioning**, identify the US, CR, NS, CS, and CR. Please type answers below:

Every time someone flushes a toilet in the apartment building, the shower becomes very hot and causes the person to jump back. Over time, the person begins to jump back automatically after hearing the flush, before the water temperature changes.

US:

UR:

NS:

CS:

CR:

1. A dog is left in a car next to a busy trucking highway and hears many trucks roaring by. The dog is very frightened and traumatized. Afterwards, whenever the dog hears a large truck it freaks out.

US:

UR:

NS:

CS:

CR:

2. An individual receives frequent injections of drugs, which are administered in a small examination room at a clinic. The drug itself causes increased heart rate but after several trips to the clinic, simply being in a small room causes an increased heart rate.

US:

UR:

NS:

CS:

CR:

3. The sight of a bakery makes your mouth water.

US:

UR:

NS:

CS:

CR:

4. In order to be able to punish your cat when you're not near enough to reach him, you have paired the sound of a clicker with getting squirted with water. Now the sound of the clicker causes him to startle.

US:

UR:

NS:

CS:

CR:

5. To treat alcoholics, we sometimes put a chemical in their drinks that makes them sick. Eventually the taste of alcohol become aversive and they drink less.

US:

UR:

NS:

CS:

CR: