|  |  |
| --- | --- |
| Name: | Date: |
| School: | Facilitator: |

3.01 Classical Conditioning

|  |  |
| --- | --- |
| NS = Neutral Stimulus | UCS = Unconditioned Stimulus |
| UCR = Unconditioned Response | CS = Conditioned Stimulus |
| CR = Conditioned Response |  |

(NS) + (UCS) tiny arrows 000=1002083691.gif (UCR)

(CS) tiny arrows 000=1002083691.gif (CR)

**Example 1:**

Miranda notices that her cat scurries into the kitchen as soon as she opens a can of cat food with an electric can opener. Complete the diagram.

Electric can opener (NS) + Cat Food tiny arrows 000=1002083691.gif Cat scurries into the kitchen (UCR)

Electric can opener (CS) tiny arrows 000=1002083691.gif Cat scurries into the kitchen (CR)

**Example 2:**

Dr. Pavlov presents a bell right before he feeds his dog. Complete the diagram.

Bell (NS) + Food (UCS) tiny arrows 000=1002083691.gifSalivation (UCR)

Bell (CS) tiny arrows 000=1002083691.gif Salivation (CR)

**Using the examples above, complete the diagrams below.**

1. You eat a new food and then get sick because of a flu virus. However, you develop a dislike for the food and feel nauseated whenever you smell it. Complete the diagram.

(NS) +  (UCS) tiny arrows 000=1002083691.gif (UCR)

(CS) tiny arrows 000=1002083691.gif (CR)

2. 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 toilet flush, before the water temperature changes. Complete the diagram.

(NS) +  (UCS) tiny arrows 000=1002083691.gif (UCR)

(CS) tiny arrows 000=1002083691.gif (CR)

3. Your mother always uses the same shampoo. Soon, the smell of that shampoo makes you feel happy. Complete the diagram

(NS) +  (UCS) tiny arrows 000=1002083691.gif (UCR)

(CS) tiny arrows 000=1002083691.gif (CR)

4. You watch a commercial that shows a giant golden star and a picture of a big juicy hamburger. Now, when you see a golden star, you get hungry. Complete the diagram

(NS) +  (UCS) tiny arrows 000=1002083691.gif (UCR)

(CS) tiny arrows 000=1002083691.gif (CR)

5. Describe the original experiment of Ivan Pavlov.

6. Describe the original experiment by john Watson and Rosalie Rayner.