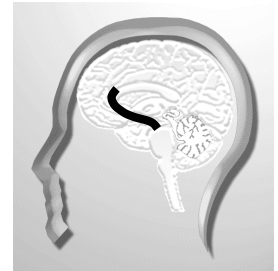


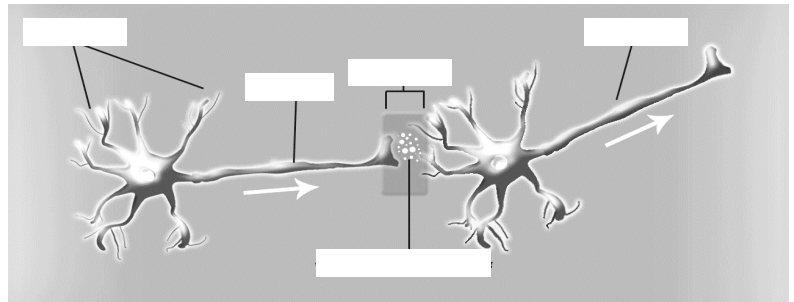
1. The Reward System

- What is the normal role of the reward system?
- How do we know that the reward system is involved in addiction?
- How does evidence of the reward system support conclusions from behavioral studies?
- Based on behavioral studies, do you think drugs may do more in the brain than effect the reward system?



2. Anatomy of a Neuron

- Fill in the names of each part of the neuron. What does each part do?



- What types of signals are used to transmit messages (electrical or chemical)?
- Describe 2 ways scientists can measure the activity of a neuron. Would you expect different results?

3. Drugs and Dopamine

- Explain how dopamine signals are transmitted across the synapse.
- Indicate where different drugs disrupt normal dopamine signals.
- Why is it important to study how different drugs work?

