

Learning

Name _____

Identify each situation as operant or classical conditioning. In each example of operant conditioning, name the reinforcement and make whether it is primary or secondary. If the situation is one of classical conditioning, identify the unconditioned stimulus, the conditioned stimulus, the unconditioned response and the conditioned response. If generalization or discrimination takes place, identify these situations.

Scenario	Classical (CC) or Operant (OC) Conditioning?	If OC, what kind of reinforcer? If CC, identify US, CS, UCR/CR. Generalization/Discrimination?
1. Imagine you have a friend who keeps the temperature in her home so high that each occasion on which you visit her you find yourself perspiring. The last time you visited her, you noticed you began to perspire and become uncomfortable even before reaching home.		
2. The automobile driver steps on the brakes to avoid hitting a child. The driver does not hit the child and feels relieved.		
3. A dog is fed a dog biscuit each time he sits up at this master's command. Before long the dog has learned to sit whenever the command is given.		
4. The mother of a child who slams the door every morning in his hurry to leave for school begins to flinch at her son's words "Bye Mom."		
5. While you are in school your stomach always begins to growl and you experience pangs of hunger at the sound of the noon bell.		
6. In an experiment rats were trained to select triangles from a set of cards shown to them with geometric figures on them. They were shown rectangles, squares, circles, diamonds, and triangles. Every time they saw a triangle they were given a pellet of food.		
7. A dog is conditioned to bark only when a red light comes on by giving it a piece of food when it barks on the presentation of the red light.		
8. A college student has an instructor who, each class period, selected names at random from the roll book to answer questions about the previous assignment. The first few times the student's name was called in this manner, he had completed the assignment and gave correct responses. The instructor enthusiastically commended the student on each of these occasions. The student found himself studying the assignments for this class more frequently and with more eagerness than he did for his other classes.		

9. At the age of three you had a “shocking” experience when you pushed a two-pronged fork into an electric wall socket. You mother said that for two years after the incident you would eat only with a spoon. When anyone tried to hand you a fork, you became frightened and screamed.		
10. As a child you had quite a few cavities that had to be filled without the use of a painkiller by the dentist. Now upon walking into the waiting room and smelling the sterilized odor of the office and hearing the drill in the background, you feel yourself becoming tense and your heart beats faster. You were very afraid of the dentist’s drill and then became afraid of the office atmosphere.		
11. To teach a hunting dog to retrieve birds without mangling them in it’s mouth, it is sent to retrieve a stuffed “bird” that has been stick full of pins. The dog soon learns that chewing the bird means pain but that carrying it gently means petting and food.		
12. A dancing bear is taught to dance by being made to stand on a heated grill. While the animal lifts one paw at a time to escape the heat, a hand organ is played. Soon the music alone will move the bear to lift it’s paws or to “dance.”		
13. Little Johnny never seemed to pay any particular attention to the color of women’s dresses. Now after several rather uncomfortable sessions at the doctor’s office, he runs and hides at the sight of anyone in a white dress.		
14. Castor oil has a taste and odor that is very unpleasant and that readily produces nausea. Orange juice was used to mask the flavor of the castor oil by mixing the two together. Many children, after having drunk this mixture several time, even on widely separated occasions, found that they began to develop a dislike for orange juice because the become uncomfortable and even nauseated by just pure orange juice.		

<p>15. Each guinea pig was placed in a revolving drum. An electric shock caused the animals to run in the revolving drum. A tone was sounded and that was followed with an electric shod. The guinea pig could avoid the shock by running before the shock was given. In other words, making the wheel revolve would eliminate the shock.</p>		
<p>16. Kelley usually did not obey his teacher. Finally, she went out of her way to give Kelley a smile and pat each time he did obey. Soon he started to obey more frequently.</p>		

<p>17. John and Martha were married. Sometimes when John did not do what Martha asked him, she would sulk. Martha became ill, and John decided he had to “humor” her so when she sulked he started doing whatever it was she requested. Martha eventually became quite a sulker.</p>		
<p>18. Herman Munster stuck his finger in the light socket. He received a very large shock. He had never done this before. He did it again and again and again.</p>		
<p>19. Every once in a while Johnny cried when his mother put him in a shopping cart at the local grocery store. She then started giving him gum from the machine at the store to quiet him when he cried. After several such episodes it was noted that his crying became more frequent at the grocery store as compared to other stores.</p>		

