

Chapter 2

1. Direct assessment occurs through:

- a) Interviews
- b) Questionnaires
- c) Watching the behavior and recording its occurrence
- d) a) and b) are correct

Analysis:

c. Correct. Direct assessment involves observing and recording the behavior as it occurs. Interviews and questionnaires are indirect assessments (see Direct and Indirect Assessment, p. 20-21)

2. Indirect assessment occurs through:

- a) the person's recall of the behavior
- b) watching the behavior and recording its occurrence
- c) video recording the behavior and recording it from the video
- d) all of these

Analysis:

a. Correct. Indirect assessment occurs by asking people in interviews or questionnaires to report on the behavior based on their recall of the occurrence of the behavior. (see Direct and Indirect Assessment, p. 20-21)

3. A good behavioral definition of a behavior involves:

- a) a label for the behavior
- b) a description of what the person says and does
- c) reference to the person's motivation
- d) a statement of the intention of the person engaging in the behavior

Analysis:

b. Correct. A behavioral definition describes what the person says and does that constitute the target behavior. Labels, intentions, or inferences about motivation are not included in a behavioral definition. (see Defining the Target behavior, p. 21-23)

4. When observing and recording behavior, the observer:

- a) can be the person engaging in the behavior
- b) can be a person other than the person engaging in the behavior
- c) must be present when the behavior occurs
- d) all of these

Analysis:

d. Correct. The observer must be present when the behavior occurs to record it. The person engaging in the behavior or an independent observer can be present to observe the behavior. (see The Logistics of Recording, p. 23-24)

5. Continuous recording involves:

- a) recording the behavior in consecutive intervals of time
- b) recording each instance of the behavior
- c) recording the product of the behavior
- d) interval and time sample recording

Analysis:

b. Correct. When using continuous recording, the observer records each instance of the behavior in the observation period. Interval recording, product recording, and time sample recording are not continuous recording methods. (see Continuous Recording, p. 26-28)

6. If you record how long a child with ADHD is out of his seat in class, what dimension of the behavior are you recording?

- a) frequency
- b) duration
- c) intensity
- d) latency

Analysis:

b. Correct. Duration is the amount of time the behavior occurs from onset to offset. Recording how long a child is out of his seat is recording the duration of the behavior. (see Continuous Recording, p. 26-28)

7. If you record the number of time a child with ADHD gets up from his seat in class, what dimension of the behavior are you recording?

- a) frequency
- b) duration
- c) intensity
- d) latency

Analysis:

a. Correct. Frequency is the number of times the behavior occurs. If you record the number of times the child gets up, you are recording the frequency of the behavior. (see Continuous Recording, p. 26-28)

8. If you record the amount of time it takes for a child with ADHD to get back in his seat in class following his teacher's request to sit down, what dimension of the behavior are you recording?

- a) frequency
- b) duration
- c) intensity
- d) latency

Analysis:

d. Correct. Latency is the time from some stimulus or event to the onset of the behavior. Recording the time from the teacher's request until the behavior of getting back into the seat occurs is latency recording. (see Continuous Recording, p. 26-28)

9. To calculate interobserver agreement on frequency recording you:

- a) divide the larger frequency by the smaller frequency
- b) divide the smaller frequency by the larger frequency
- c) divide the larger frequency by the sum of the larger frequency and the smaller frequency
- d) divide the smaller frequency by the sum of the larger frequency and the smaller frequency

Analysis:

b. Correct. Calculating interobserver agreement for frequency data involves dividing the smaller number (frequency) by the larger number which provides a number less than 1 that is multiplied by 100% to produce a percentage (see Interobserver Agreement, p. 37)

10. When the process of recording a behavior causes the behavior to change, even before any treatment is implemented, it is called:

- a) observer bias
- b) observational influence
- c) reactivity
- d) recording error

Analysis:

c. Correct. Reactivity is term that is used when the act of recording the behavior causes the behavior to change even before treatment is implemented. (see Reactivity, p. 36)

True / False

1. A good behavioral definition requires you to make inferences about internal states or motivation of the individual.
- a. True
 - b. False

ANSWER: False

2. In interval recording procedures, the behavior is recorded in consecutive periods of time within the observation period.
- a. True
 - b. False

ANSWER: True

3. Frequency, duration, intensity, and latency are dimensions of behavior that can be measured in a continuous recording procedure.
- a. True
 - b. False

ANSWER: True

4. Reactivity of observation often occurs with self-monitoring, but never when recording is done by an observer.
- a. True
 - b. False

ANSWER: False

5. Interobserver agreement must be 100% to be acceptable.
- a. True
 - b. False

ANSWER: False

6. Recording how long it takes for a person to come up with an answer to a question after the question is asked is an example of a duration measure.
- a. True
 - b. False

ANSWER: False

7. Interobserver agreement involves an observer recording the person's behavior in another observation period to see if the behavior is the same.
- a. True
 - b. False

ANSWER: False

8. Recording a person's behavior without the person knowing that recording is taking place, is one way to decrease reactivity.
- a. True
 - b. False

ANSWER: True

9. In time sample recording, the behavior is recorded in consecutive periods of time within the observation period.

- a. True
- b. False

ANSWER: False

10. Recording how long a person studies is an example of intensity recording.

- a. True
- b. False

ANSWER: False

Multiple Choice

11. In behavior modification, measurement of the target behavior is called:

- a. a behavioral indicator
- b. behavioral assessment
- c. observation
- d. supervision

ANSWER: b

12. The measurement of behavior is important because:

- a. measurement can determine if treatment is necessary
- b. measurement can determine the best treatment
- c. measurement can determine if the treatment is working
- d. all of these

ANSWER: d

13. Which of the following is NOT used in indirect assessment?

- a. interviews
- b. questionnaires
- c. direct observation
- d. rating scales

ANSWER: c

14. Which of the following is NOT used in direct assessment?

- a. questionnaires
- b. frequency recording
- c. time sample recording
- d. duration recording

ANSWER: a

15. A teacher observes and records instances of misbehavior by a student. This is an example of:

- a. indirect assessment
- b. direct assessment
- c. covert observation
- d. participant recording

ANSWER: b

16. Which of the following is NOT a step in developing a behavior recording plan?

- a. defining the target behavior
- b. applying procedures to change the target behavior
- c. determining the logistics of recording
- d. choosing a recording method

ANSWER: b

17. A teacher wants to develop a behavior recording plan that she intends to use with one of her students. The teacher's first step would be:

- a. deciding who will do the recording
- b. determining where and when the recording will occur
- c. defining the target behavior
- d. choosing a recording method

ANSWER: c

18. A behavioral definition:

- a. is ambiguous
- b. is subjective
- c. involves identifying traits
- d. describes specific behaviors

ANSWER: d

19. Julie and Beth independently observe (hear) a child swear, and each records that swearing occurred. This is called:

- a. independent agreement
- b. interobserver agreement
- c. independent observation
- d. agreement recording

ANSWER: b

20. Jerry wants to improve his studying. He observes and records the times when he studies. Observing and recording your own behavior is called:

- a. private observation
- b. self-monitoring
- c. independent recording
- d. direct recording

ANSWER: b

21. Dawn's parents record her hair pulling behavior for a specific period of time. The time during which Dawn's parents observe and record her behavior is called the:

- a. modification period
- b. monitoring period
- c. observation period
- d. viewing period

ANSWER: c

22. What is involved in determining the logistics of recording?

- a. who will do the recording

- b. when the recording will occur
- c. where the recording will occur
- d. all of these

ANSWER: d

23. Zach's behavior of pushing other children typically occurs on the playground. The playground would be a(n) _____ setting for Zach's behavior.

- a. analogue
- b. manipulated
- c. natural
- d. controlled

ANSWER: c

24. Which observation setting will provide the most representative sample of the target behavior?

- a. analogue setting
- b. manipulated setting
- c. natural setting
- d. controlled setting

ANSWER: c

25. Which of the following is NOT an advantage of an analogue setting?

- a. it is easier to control the situation during observation
- b. it is easier to manipulate variables that affect behavior
- c. it provides a more representative sample of the target behavior
- d. all of these

ANSWER: c

26. A psychologist wants to observe the tantrum behavior of a child. The tantrums usually occur in the classroom, but the psychologist does not have access to the classroom so she observes the child in a room that resembles a classroom. This would be an example of a(n) _____ setting.

- a. natural
- b. manufactured
- c. analogue
- d. isolated

ANSWER: c

27. Brian's parents are interested in recording his stuttering behavior. They record each instance in which Brian stutters. This is an example of _____ recording.

- a. product
- b. intervalinterval
- c. continuous
- d. time sample

ANSWER: c

28. Which dimensions of behavior is NOT recorded using continuous recording?

- a. frequency
- b. duration

- c. intensity
- d. time sample

ANSWER: d

29. A teacher records each instance of a student swearing in class. The teacher is recording which dimension of behavior?
- a. latency
 - b. intensity
 - c. frequency
 - d. duration

ANSWER: c

30. A parent records how loudly her child screams. The parent is recording the _____ of the screams.
- a. frequency
 - b. duration
 - c. intensity
 - d. latency

ANSWER: c

31. Bill keeps track of the amount of time he studies each day. Which dimension of behavior is Bill recording?
- a. frequency
 - b. duration
 - c. intensity
 - d. latency

ANSWER: b

32. A track coach records the amount of time it takes a sprinter to start running once the gun has been sounded. The coach is recording the dimension of _____.
- a. latency
 - b. frequency
 - c. duration
 - d. intensity

ANSWER: a

33. A track coach records how long it takes a sprinter to run 100 meters. The track coach is recording what dimension of behavior?
- a. latency
 - b. frequency
 - c. duration
 - d. intensity

ANSWER: c

34. A teacher records the number of math homework problems a student has correctly completed in order to determine the student's performance. The teacher is using _____ recording.
- a. continuous
 - b. interval
 - c. product
 - d. time sample

ANSWER: c

35. An observer divides an observation period into a number of consecutive time periods, and then records whether the target behavior occurred during each period. This is called:

- a. product recording
- b. interval recording
- c. continuous recording
- d. time sample recording

ANSWER: b

36. If an observation period is divided into a number of time periods, and the behavior is recorded during only part of each interval it is called _____ recording.

- a. interval
- b. continuous
- c. product
- d. time sample

ANSWER: d

37. Which of the following can be used as a recording instrument?

- a. paper and pencil
- b. golf stroke counter
- c. stopwatch
- d. all of these

ANSWER: d

38. Matthew frequently hits other children during class. However, he never hits other kids when he knows the teacher is observing him. This is an example of:

- a. self-monitoring
- b. reactivity
- c. behavior modification
- d. controlled behavior

ANSWER: b

39. What is the minimally acceptable level of interobserver agreement in research?

- a. 100%
- b. 90%
- c. 80%
- d. 55%

ANSWER: c

40. Which method will NOT reduce reactivity of observation?

- a. observe through a one-way observation window
- b. tell the person you are observing his/her behavior
- c. wait until the person you are observing is accustomed to your presence
- d. use participant observers

ANSWER: b

Completion

Below are the results of interval recording by two observers, A and B.

Observer A

x	x		x		x		x	x	x
x	x		x	x	x	x	x	x	

Observer B

41. What is the percentage of intervals scored by observer A? _____

ANSWER: 7/10; 70%

42. Based on the previous question's scenario, what percentage is scored by observer B? _____

ANSWER: 8/10; 80%

43. Calculate interobserver agreement for the interval recording of observer A and B. _____

ANSWER: $7/7+3=70\%$; 70%

44. Assessment that relies on information from interviews and questionnaires is called _____ assessment.

ANSWER: indirect

45. Merlin counted the number of times that he picked his nose each day. What dimension of behavior was he recording?

ANSWER: frequency

46. What is it called when two observers record the same behavior of the same person during the same time period and compare the results of their recording? _____

ANSWER: interobserver agreement; IOA

47. Perry's watch beeped every 5 minutes and he recorded whether he was slouched over (bad posture) at the time the watch beeped. This is an example of _____ recording.

ANSWER: time sample

48. Bernie recorded how long he studied each day. What dimension of behavior was he recording?

ANSWER: duration

49. Sherry had throat surgery and could not talk for days. She worked with a speech therapist to increase her voice loudness. The therapist used an instrument to measure increases in the loudness of her voice. What dimension of behavior was the speech therapist recording?

ANSWER: intensity

50. Recording behavior in brief observation intervals each separated by longer periods of time is called _____ recording.

ANSWER: time sample

Subjective Short Answer

51. What are two ways to reduce reactivity of observation?

ANSWER: Two ways to reduce reactivity are to wait until the individuals who are being observed become accustomed to the observer, or to have the observer record the behavior without the individuals knowing that they are being observed.

52. Identify two of the reasons why behavioral assessment is an important part of behavior modification.

ANSWER: Behavioral assessment is an important part of behavior modification because it provides information that can help you decide whether treatment is necessary, provides information that helps you choose the best treatment, and measurement of the target behavior during and after treatment will allow you to determine whether the behavior changed following the implementation of treatment.

53. Provide an example of frequency recording, duration recording, and latency recording.

ANSWER: Examples: Frequency recording: recording the number of head slaps exhibited by a self-injurious child. Duration recording: recording the amount of time a person engages in physical exercise. Intensity: using a decibel meter to measure the intensity or loudness of someone's speech. Latency recording: recording how long it takes a child to pick up her toys after the parents ask her to do so.

54. Provide an example of time sample recording and interval recording.

ANSWER: Examples: Time sample recording: a teacher using time sample recording to measure the on-task behavior of a child with ADHD might set his watch to beep every five minutes and will record whether or not the child was on task when the watch beeped. Interval recording: an observer may record whether or not an individual engages in aggressive behavior during each 10-minute interval of the observation period.

55. Describe how you would conduct real-time recording.

ANSWER: Real time recording engages in aggressive behavior during each 10-minute interval of the observation period. While observing a child's tantrum behavior, the observer would indicate the exact time each tantrum started and stopped so that information would be available on frequency, duration, and the timing of the behavior in the observation period.