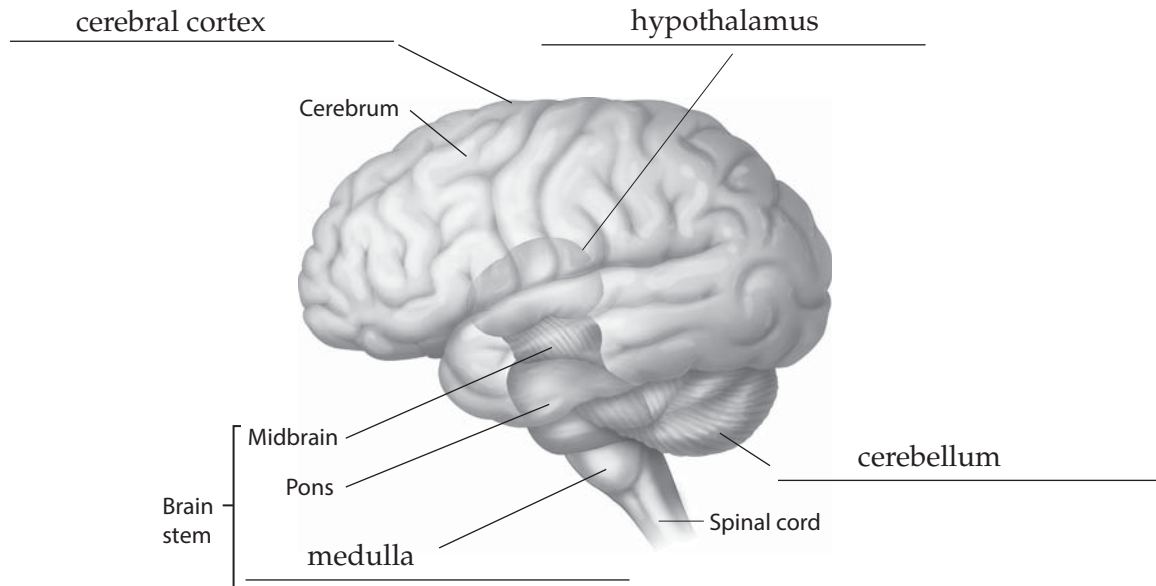


# Chapter 10

## Alcohol

### Lesson 10.1 Alcohol and the Brain



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1. Part of the brain: *neurotransmitters*  
Effect of alcohol: changes the levels of neurotransmitters  
Consequences of impairment: slurred speech, sluggish body movements, interference with ability to think clearly
2. Part of the brain: *cerebral cortex*  
Effect of alcohol: reduces brain's ability to process information  
Consequences of impairment: inability to think clearly, reduced inhibition
3. Part of the brain: *cerebellum*  
Effect of alcohol: disrupts normal functioning  
Consequences of impairment: difficulty walking steadily, difficulty coordinating body movements
4. Part of the brain: *hypothalamus*  
Effect of alcohol: affects release of hormones  
Consequences of impairment: increased sexual arousal, decreased ability to perform sexually
5. Part of the brain: *medulla*  
Effect of alcohol: disrupts functioning  
Consequences of impairment: sleepiness, slow breathing, low body temperature

### Lesson 10.1 Level of Intoxication

1. A. Kate: 1.2  
Bill: 2.4  
Stacy: 0.9  
B. 0.9

- C. Kate: 0.3  
Bill: 1.5  
Stacy: 0
- D. Bill
- 2. A. Gene: 1.8  
John: 0.6
- B. 0.6
- C. Gene: 1.2  
John: 0
- D. Gene
- 3. A. Lauren: 1.8  
Andrea: 0.6  
Luke: 0.3
- B. 0.3
- C. Lauren: 1.5  
Andrea: 0.3  
Luke: 0
- D. Lauren
- 4. A. Barry: 3  
Derek: 6
- B. 1.8
- C. Barry: 1.2  
Derek: 4.2
- D. Derek

## Lesson 10.2 The Voice of Reason

Answers may vary.

## Lesson 10.2 The Effects of Underage Drinking

1. social life, possibly future
2. education, future
3. future, education, social life
4. education, future
5. physical health, education, future

## Lesson 10.3 Nature or Nurture?

1. nurture; solutions may vary.
2. nature and nurture; solutions may vary.
3. nurture; solutions may vary.
4. nature and nurture; solutions may vary.
5. nurture; solutions may vary.

## Lesson 10.3 Alcohol Ad Analysis

Answers may vary.

## Lesson 10.4 Using Refusal Skills

Answers may vary.

## Chapter 10 Reading Practice

1. D
2. B
3. A
4. C

## Chapter 10 Practice Test

### Completion

1. *alcohol*
2. inhibition
3. cirrhosis
4. *problem drinking*
5. detoxification

### True/False

6. F
7. T
8. F
9. T
10. T

### Multiple Choice

11. B
12. C
13. A
14. B
15. C

### Matching

16. G
17. F
18. H
19. B
20. A
21. C
22. D
23. E

### Analyzing Data

24. 2,548
25. 77%
26. males; answers may vary.

### Short Answer

27. Answers may vary.
28. Answers may vary. The first step you should take is to get the support you need; talk to an adult openly and honestly. Do not try to solve the person's problem for him or her. Do not cover up for the person or enable the behavior.