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CHAPTER 3-4 HW ANSWERS

Indicate which of the following italicized words or phrases is a reason marker, a conclusion marker, or neither.

1. He apologized, so you should forgive him.

Conclusion Marker

1. He apologized. Accordingly, you should forgive him.

Conclusion Marker

1. Since he apologized, you should forgive him.

Reason Marker

1. Provided that he apologized, you should forgive him.

Reason Marker

1. In view of the fact that he apologized, you should forgive him.

Reason Marker

1. He apologized. Ergo, you should forgive him.

Conclusion Marker

1. Given that he apologized, you should forgive him.

Reason Marker

1. He apologized, and because of that you should forgive him.

Conclusion Marker

1. After he apologizes, you should forgive him.

Neither

1. He apologized. As a result, you should forgive him.

Conclusion Marker

1. Seeing as he apologized, you should forgive him.

Reason Marker

1. He apologized. For that reason alone, you should forgive him.

Conclusion Marker

Indicate whether each of the following sentences is an argument.

1. Charles went bald, and most men go bald.

Not an Argument

1. Charles went bald because most men go bald.

Argument

1. My roommate likes to ski, so I do, too.

Argument

1. My roommate likes to ski, and so do I.

Not an Argument

1. I have been busy since Tuesday.

Not an Argument

6. I am busy, since my teacher assigned lots of homework.

Argument

Identify which of the following sentences expresses an argument. For each that does, (1) circle the argument marker (or markers), (2) indicate whether it is a reason marker or a conclusion marker, and (3) restate the argument in standard form.

1. Since Chicago is north of Boston, and Boston is north of Charleston, Chicago is north of Charleston.
   1. Chicago is north of Boston
   2. Boston is north of Charleston
   3. ∴ Chicago is north of Charleston
2. Toward evening, clouds formed and the sky grew darker; then the storm broke.
   1. Not an Argument
3. Texas has a greater area than Topeka, and Topeka has a greater area than the Bronx Zoo, so Texas has a greater area than the Bronx Zoo.
   1. Texas is bigger that Topeka
   2. Topeka is bigger than the Bronx Zoo
   3. ∴ Texas is bigger than the Bronx Zoo
4. Both houses of Congress may pass a bill, but the president may still veto it.
   1. Not an Argument
5. Other airlines will carry more passengers, because United Airlines is on strike.
   1. United Airlines is on strike
   2. ∴ Other airlines will carry more passengers
6. Since Jesse James left town, taking his gang with him, things have been a lot quieter.
   1. Jesse James left town
   2. ∴ things have been a lot quieter
7. Things are a lot quieter, because Jesse James left town, taking his gang with him.
   1. Jesse James left town
   2. ∴ things have been a lot quieter
8. Witches float because witches are made of wood, and wood floats.
   1. witches are made of wood
   2. ∴wood floats
9. The hour is up, so you must hand in your exams.
   1. The hour is up
   2. ∴ you must hand in your exams
10. Joe quit, because his boss was giving him so much grief.
    1. his boss was giving him so much grief
    2. ∴ Joe quit

Indicate whether each of the following arguments is valid and whether it is sound. Explain your answers where necessary.

1. Most professors agree that they are paid too little, so they are.

Invalid, Unsound

1. David Letterman is over four feet tall, so he is over two feet tall.

Valid, Sound

1. Lee can’t run a company right, because he can’t do anything right.

Valid, Unsound

1. Barack Obama is smart and good-looking, so he is smart.

Valid, Undetermined, “good-looking” is subjective and would require further discussion

1. Barack Obama is either a Democrat or a Republican, so he is a Democrat.

Invalid, Unsound

1. Since Jimmy Carter was president, he must have won an election.

Invalid, Unsound

1. Since Gerald Ford was president, he must have won an election.

Invalid, Unsound

1. Pat is either a mother or a father. If Pat is a mother, then she is a parent. If Pat is a father, he is a parent. So, either way, Pat is a parent. (Assume that this conclusion is true.)

Valid, Sound

1. People who live in the Carolinas live in either North Carolina or South Carolina. Hillary Clinton does not live in North Carolina or South Carolina. Hence, she does not live in the Carolinas.

Valid, Sound

1. If all of Illinois were in Canada, then Chicago would be in Canada. But Chicago is not in Canada. Therefore, not all of Illinois is in Canada.

Valid, Sound

1. If George lives in Crawford, then George lives in Texas. If George lives in Texas, then George lives in the United States. Hence, if George lives in Crawford, he lives in the United States.

Valid, Sound

1. There can’t be a largest six-digit number, because six-digit numbers are numbers, and there is no largest number.

Invalid, Unsound

Indicate whether each of the following sentences is true. For those that are true, explain why they are true. For those that are false, show why they are false by giving a counterexample.

1. Every argument with a false conclusion is invalid.

False

1. Every argument with a false premise is invalid.

False

1. Every argument with a false premise and a false conclusion is invalid.

False

1. Every argument with a false premise and a true conclusion is invalid.

False

1. Every argument with true premises and a false conclusion is invalid.

True

1. Every argument with a true conclusion is sound.

False

1. Every argument with a false conclusion is unsound.

True

For each of the numbered words or expressions in the following sentences, indicate whether it is an argument marker, an assuring term, a guarding term, a discounting term, or none of these. For each argument marker, specify what the conclusion and the reasons are, and for each discounting term, specify what criticism is being discounted and what the response to this criticism is.

1. Although[1] no mechanism has been discovered, most[2] researchers in the field agree [3] that smoking greatly increases the chances[4] of heart disease.
   1. Discounting
   2. Guarding
   3. Assuring
   4. Guarding
2. Since[5] historically[6] public debt leads to inflation, I maintain [7] that, despite[8] recent trends, inflation will return.
   1. Argument
   2. Assuring
   3. Assuring
   4. Discounting
3. Take it from me [9], there hasn’t been a decent center fielder since[10] Joe DiMaggio.
   1. Assuring
   2. Argument
4. Whatever anyone tells you [11], there is little [12] to the rumor that Queen Elizabeth II will step down for[13] her son, Prince Charles.
   1. Assuring
   2. Guarding
   3. Argument
5. The early deaths of Janis Joplin and Jimi Hendrix show[14] that drugs are really[15] dangerous.
   1. Assuring
   2. Guarding
6. I think[16] he is out back somewhere.
   1. Guarding
7. I think[17], therefore[18] I am.
   1. Assuring
   2. Argument
8. I concede[19] that the evidence is hopelessly[20] weak, but[21] I still think he is guilty.
   1. Guarding
   2. Guarding
   3. Discounting
9. I deny[22] that I had anything[23] to do with it.
   1. Discounting
   2. Assuring
10. The wind has shifted to the northeast, which means [24] that snow is likely[25].
    1. Argument
    2. Guarding

Indicate whether the following italicized terms are positively evaluative (E+), negatively evaluative (E–), or simply descriptive (D). Remember, the evaluations need not be moral evaluations.

1. Janet is an excellent golfer. E+
2. The group was playing very loudly. D
3. The group was playing too loudly. E-
4. William was rude to his parents. E-
5. William shouted at his parents. D
6. They mistakenly turned right at the intersection. D
7. Fascists ruled Italy for almost twenty years. D
8. That’s a no-no. D
9. Bummer. E-
10. Debbie lied. E-
11. Debbie said something false. D
12. Joe copped out. E-
13. Jake is a bully. E-
14. Mary Lou was a gold medalist. E+
15. She is sick. D
16. He suffers from a hormonal imbalance. E-

It *may***[1]** be a little early in the morning to bring this up, *but***[2]** *if***[3]** you buy coffee from *large corporations* **[4]**, you are inadvertently maintaining the system which keeps small *farmers poor***[5]** *while***[6]** *lining the pockets***[7]** of rich corporations. *By***[8]** choosing Equal Exchange coffee, you *can***[9]** help to make a change. We believe in trading directly with small farming cooperatives at mutually agreed-upon prices with a fixed minimum rate. *Then***[10]**, *should***[11]** the coffee market decline, the farmers are still guaranteed a *fair***[12]** price. *So***[13]** have a cup of Equal Exchange Coffee and make a small farmer *happy***[14]**. *Of course***[15]**, your decision to buy Equal Exchange need not be completely altruistic. *For***[16]** we take as much pride in refining the taste of our *gourmet***[17]** *coffees as***[18]** we do in *helping***[19]** the farmers who produce them. *For***[20]** more information about Equal Exchange or to order our line of gourmet, organic, and shade-grown coffee directly, call 1 800 406 8289.

1. Guarding
2. Discounting
3. Conditional
4. E-
5. E-
6. None
7. E-
8. Argument Reason
9. Guarding
10. Argument Reason
11. Argument Reason
12. E+
13. Argument
14. E+
15. Guarding
16. Reason Marker
17. E+
18. Reason Maker
19. E+
20. Reason Marker