



[Course](#) > [Deductive and Inductive Arguments](#) > [Types of Arguments](#) > Review Questions

## Review Questions

### 1. Multiple choice

1/1 point (graded)

A burglar broke into the Gotrocks home and stole the family jewels. Witnesses reported seeing an unusually tall man with long, red hair and a long, red beard running from the residence at about the time of the burglary. Joe Blow's fingerprints were found at the scene of the crime. Hair matching Joe's hair was found at the crime scene. Joe Blow is unusually tall and has long, red hair and a long, red beard. The day after the crime, Joe tried to hawk the Gotrocks jewels at the local pawn shop, claiming he found them in the street. Since no other suspects fit the evidence, the best explanation is that Joe is the burglar. It is therefore very likely Joe is the burglar.

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

### 2. Multiple choice

1/1 point (graded)

If time has no beginning, then the present moment of time is the endpoint of an infinite series of past moments of time. But it is impossible that an infinite series of things has an actual endpoint. Therefore, there must have been a first moment

of time.

☐ Inductive Argument

☒ Deductive Argument



Submit

You have used 1 of 1 attempt

---

✓ Correct (1/1 point)

---

### 3. Multiple choice

1/1 point (graded)

It is true today, right now, that tomorrow either you will eat a burrito for lunch or you will not eat a burrito for lunch. If it is true (right now) that tomorrow you will eat a burrito for lunch, then tomorrow at lunch you must eat a burrito; you cannot do anything else but that, for nobody can alter the truth. On the other hand, if it is true (right now) that tomorrow you will not eat a burrito for lunch, then tomorrow at lunch you won't and can't eat a burrito, for nobody can change the truth. Either way then, what you do tomorrow at lunch has already been determined or fixed ahead of time, and there is nothing you can do about it; there is no way you can deviate from what must be. But this reasoning applies to every moment of the future. Therefore, it follows with complete certainty that the future has already been fixed or determined and nobody has free will.

☐ Inductive Argument

☒ Deductive Argument



Submit

You have used 1 of 1 attempt

---

✓ Correct (1/1 point)

---

## 4. Multiple choice

1/1 point (graded)

Drug X cures heart disease in monkeys. But monkey hearts are similar in many relevant ways to human hearts. Therefore, drug X will probably cure heart disease in humans

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

---

✓ Correct (1/1 point)

---

## 5. Multiple choice

1/1 point (graded)

We polled one thousand people at random around the city of Centerville and asked them if they approve or disapprove of the job the mayor is doing. We questioned people from all walks of life, all ethnic and racial groups, and all genders, at all times of the day. Over 80 percent said they disapprove. Therefore, it is very likely that most citizens of Centerville disapprove of the job the mayor is doing

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

## 6. Multiple choice

1/1 point (graded)

We've observed one hundred possums at random, and each one had a short, pointy tail. Thus, it is probable that the next possum we observe will have a short, pointy tail.

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

## 7. Multiple choice

1/1 point (graded)

If it rains, then the roof gets wet. But it is raining. Therefore, certainly the roof must be getting wet.

☐ Inductive Argument

☒ Deductive Argument



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

## 8. Multiple choice

1/1 point (graded)

Under the test conditions, blue litmus paper only turns red in the presence of an acid; never otherwise. We just dipped blue litmus paper into the unknown substance S, and the paper turned red. Therefore, substance S must be an acid.

☐ Inductive Argument

☒ Deductive Argument



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

## 9. Multiple choice

1/1 point (graded)

If Sue's hypothesis is true, then we can expect to see the solution turn green when we add boric acid to it. We just added the acid, and the solution turned green. Therefore, Sue's hypothesis is probably true.

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

## 10. Multiple choice

1/1 point (graded)

Four students got sick after lunch. The health department interviewed the students, and hot dogs were the only item they all ate in common. Therefore, the cause of the illness was probably the hotdogs or something in the hotdogs.

☒ Inductive Argument



☐ Deductive Argument

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

Portions of this lesson are from *Think with Socrates* by Dr. Paul Herrick © 2015 Oxford University Press.

[Learn About Verified Certificates](#)

© All Rights Reserved