



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

Review Questions

1. Multiple choice

1/1 point (graded)

Examine this argument:

The bank robber accidentally left behind his checkbook. He also dropped his wallet that contained his driver's license. Both items were traced to Joe Doakes, who was trying to hide \$10,000 in his coat when the police arrived. The bank robber escaped with \$10,000 but was also covered with red dye when the dye pack exploded. Joe Doakes was found to be covered with red dye. The obvious conclusion is that Joe robbed the bank.

Does this inductive argument seem to be strong or weak?

☒ Strong



☐ Weak

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

2. Multiple choice

1/1 point (graded)

Examine this argument:

Exercising daily helps prevent heart attacks. Don exercises daily. Therefore, Don will probably never suffer a heart attack.

Does this inductive argument seem to be strong or weak?

☐ Strong

☒ Weak



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

3. Multiple choice

1/1 point (graded)

Examine this argument:

It was sunny in Seattle yesterday for the first time in four weeks. Therefore, it will probably be sunny in Seattle all next week.

Does this inductive argument seem to be strong or weak?

☐ Strong

☒ Weak



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

4. Multiple choice

1/1 point (graded)

Examine this argument:

Ed is walking the twelve miles to downtown. He just left five minutes ago. He walks at an ordinary pace. Therefore, probably he has not arrived yet.

Does this inductive argument seem to be strong or weak?

☒ Strong



☐ Weak

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

5. Multiple choice

1/1 point (graded)

Examine this argument:

Few cats are orange colored. I hear a cat meowing across the street. The cat meowing is probably not orange.

Does this inductive argument seem to be strong or weak?

☒ Strong



☐ Weak

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

6. Multiple choice

1/1 point (graded)

Examine this argument:

A Purdue University study found that rats consumed many more calories and put on weight when they were fed artificial sweeteners before meals. The sweeteners were found to cause powerful urges to eat—urges the rats could not control. The study was repeated five times, with the same results each time. Humans and rats have similar digestive systems. Therefore, artificial sweeteners probably increase weight in humans as well.

Does this inductive argument seem to be strong or weak?

☐ Strong

☒ Weak



Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

7. Multiple choice

1/1 point (graded)

Examine this argument:

Planets have been discovered orbiting many stars. The stars found with orbiting planets all have in common six characteristics. No star lacking planets has been found to have all six characteristics. A new star has been discovered, and it has all six characteristics. It is probable that the new star has planets.

Does this inductive argument seem to be strong or weak?

☒ Strong



☐ Weak

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

8.1 Multiple choice

1/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

Ailee does not know what plant disease looks like and has not consulted the expert on her disease hypothesis

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

8.2 Multiple choice

1/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

Ailee has noticed yellow spots on the leaves--a sign indicative of disease in this species

☒ Strengthen the argument



☐ Weaken the argument

☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

8.3 Multiple choice

0/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

Ailee felt the soil shortly after watering and noticed it was dry

☒ Strengthen the argument



☐ Weaken the argument

☐ Unchanged

Submit

You have used 1 of 1 attempt

✖ Incorrect (0/1 point)

8.4 Multiple choice

1/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The weather has been unseasonably cloudy for over two months

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

8.5 Multiple choice

1/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

Ailee has another plant of the same species in the same room that is given the same treatment and that plant is thriving

☒ Strengthen the argument



☐ Weaken the argument

☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

8.6 Multiple choice

1/1 point (graded)

Examine the following scenario.

Ailee is attempting to figure out why her houseplant isn't doing well. According to the expert she consulted, the breed of houseplant she has needs water once a week, plant food once a month, and needs plenty of sunlight. Ailee is following these instructions precisely giving the plant all these things but the plant is not flourishing. She concludes that the plant has a disease.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The plant food Ailee has was designed for outdoor plants

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.1 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The earlier three visits were for transmission work; this one is for body work.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.2 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each

time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The shop has a new manager.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.3 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

You have actually taken your car on **eight** different occasions and each time your car is fixed.

☒ Strengthen the argument



☐ Weaken the argument

☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.4 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The earlier visits were for mechanical work, but this time the problem is electrical.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

9.5 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The earlier visits were for your Ford Escort; this time you have a new car, a Jeep.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.6 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

The earlier visits were for 1960s models; now you have a 1998 model.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.7 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

You conclude instead that your car will probably be returned in absolutely perfect condition.

☐ Strengthen the argument

☒ Weaken the argument



☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

9.8 Multiple choice

1/1 point (graded)

Examine the following scenario.

You take your car to Latka's Total Car Care on three different occasions, and each time your car is fixed. You conclude that this time your car will again be fixed.

Does the addition of the item below strengthen the argument (S), weaken the argument (W), or leave the strength of the argument unchanged (U)?

You conclude instead that you will probably be satisfied. [Note: this conclusion *replaces* the conclusion above.]

☒ Strengthen the argument



☐ Weaken the argument

☐ Unchanged

Submit

You have used 1 of 1 attempt

✓ Correct (1/1 point)

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