



[Course](#) > [Deductive and Inductive Arguments](#) > [Deductive Arguments](#) >
Review Questions 2

Review Questions 2

1. Multiple choice

1/1 point (graded)

Which of the following symbolizes a disjunctive syllogism? (Choose one)

☐ $p \rightarrow (q \vee r); p; \text{therefore, } q \vee r$

☒ $(p \ \& \ q) \vee (r \vee t); \sim(r \vee t); \text{therefore } p \ \& \ q$



☐ $p \rightarrow q; q; \text{therefore } p$

☐ $p \rightarrow q; \sim q; \text{therefore } p$

Submit


You have used 1 of 1 attempt

✓ Correct (1/1 point)

2. Multiple choice

1/1 point (graded)

Which of the following symbolizes a modus tollens syllogism? (Choose one)

- ☐ $p \rightarrow (q \vee r); p; \text{ therefore, } q \vee r$
- ☐ $(p \ \& \ q) \vee (r \vee t); \sim(r \vee t); \text{ therefore } p \ \& \ q$
- ☐ $p \rightarrow q; q; \text{ therefore } p$
- ☒ $(p \ \& \ r) \rightarrow q; \sim q; \text{ therefore } \sim(p \ \& \ r)$


Submit


You have used 1 of 1 attempt

✓ Correct (1/1 point)

3. Multiple choice

1/1 point (graded)

Which of the following symbolizes a hypothetical syllogism? (Choose one)

- ☐ $p \rightarrow (q \vee r); p; \text{ therefore, } q \vee r$
- ☒ $[(p \ \& \ q) \vee (r \vee t)] \rightarrow r; r \rightarrow (s \ \& \ t); \text{ therefore } [(p \ \& \ q) \vee (r \vee t)] \rightarrow s \ \& \ t$

- ☐ $p \rightarrow q; q; \text{ therefore } p$
- ☐ $[(p \ \& \ q) \vee (r \vee t)] \rightarrow r; \sim r; \text{ therefore } \sim[(p \ \& \ q) \vee (r \vee t)]$

Submit


You have used 1 of 1 attempt

✓ Correct (1/1 point)

4. Multiple choice

1/1 point (graded)

Which of the following symbolizes a modus ponens syllogism? (Choose one)

☒ $p \rightarrow (q \vee r); p; \text{ therefore, } q \vee r$


☐ $(p \wedge q) \vee (r \vee t); \sim(r \vee t); \text{ therefore } p \wedge q$

☐ $p \rightarrow q; q; \text{ therefore } p$

☐ $p \rightarrow q; \sim q; \text{ therefore } p$

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