Review Questions 1

1.Multiple choice

1/1 point (graded)

No cat is a reptile. No reptile is a splurp. So, no cat is a splurp.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

○ Valid

◉ Invalid
✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

2.Multiple choice

1/1 point (graded)

The United States House of Representatives has more members than there are calendar days in a leap year. Therefore, at least two members of the House must have the same birthday.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

- ◉ Valid
  ✔
- ○ Invalid

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

3.Multiple choice

1/1 point (graded)

Father Flanagan's Boys Town is located in Nebraska. Nebraska is located in the United States. So, Boys Town must be located in the United States.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

- ◉ Valid
  ✔
- ○ Invalid

Submit   You have used 2 of 2 attempts

✔ Correct (1/1 point)

4.Multiple choice

1/1 point (graded)

Listening to loud music always ruins your hearing. Joe is hard of hearing. Therefore, Joe must have been listening to loud music.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

○ Valid

◉ Invalid
   ✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

5.Multiple choice

1/1 point (graded)

The Monterey Pop Festival (1967) featured some of the greatest bands of the 1960s. The Beatles did not perform at Monterey. So, the Beatles must not have been among the greatest bands of the 1960s.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

○ Valid

◉ Invalid
   ✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

6.Multiple choice

1/1 point (graded)

Figure A has four equal sides. Therefore, figure A must be a square.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

○ Valid

◉ Invalid
✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

7.Multiple choice

1/1 point (graded)

All the members of the Ohio Southpaw Club are left-handed. Joe is left-handed. So, Joe must be a member of the Ohio Southpaw Club.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

- ○ Valid

- ◉ Invalid
  ✔

[Submit]   You have used 1 of 1 attempt

✔ Correct (1/1 point)

8.Multiple choice

1/1 point (graded)

When a nonmetallic element forms more than one oxide, the oxide containing the most oxygen gives the strongest acid. Sulfur is a nonmetallic element and forms two oxides: sulfuric and sulfurous acid. Sulfuric acid contains more oxygen than sulfurous acid. Therefore, sulfuric acid is certainly stronger than sulfurous acid.

Using the intuitive test for validity, decide if the statement above is valid or invalid.

- ◉ Valid
  ✔

- ○ Invalid

✔ Correct (1/1 point)

9.Multiple choice

1/1 point (graded)

Which of the following combination will you *not* find in a valid deductive argument? (Choose one)

- ◉ true premises and a false conclusion
  ✔

- ○ true premises and a true conclusion

- ○ false premises and a false conclusion

- ○ false premises and a true conclusion

- ○ none of the above

✔ Correct (1/1 point)

10.Multiple choice

1/1 point (graded)

Which of the following combinations will you *not* find in an invalid deductive argument? (Choose one)

- ○ true premises and a false conclusion

- ○ true premises and a true conclusion

- ○ false premises and a false conclusion

- ○ false premises and a true conclusion

- ◉ none of the above, for *any* combination is possible in an invalid argument ✔

Submit   You have used 1 of 1 attempt

✔ Correct (1/1 point)

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