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Review Questions

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1.0/1.0 point (graded)

Which three of the following are parts of an argument? (choose 3)

☒ Premise

☐ A numeral

☒ Conclusion

☐ Consequent

☒ Logical relation



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Multiple choice

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Examine this argument:

Premise 1: All programmers are coders

Premise 2: All coders are math specialists

Therefore

Which one of the following statements would most likely be the conclusion of this argument (the word 'some' means 'at least one'):

- ☐ All programmers use computers
- ☐ Some math specialists code
- ☐ No math specialists are JavaScript programmers
- ☒ All programmers are math specialists



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Which two of the following statements could represent the proposition: **All your data is in the cloud**

- ☐ All data is somewhere above the Empire State Building
- ☒ All your data is stored in large collections of servers accessible over the internet
- ☐ How your data is stored is ambiguous and unclear
- ☒ All the data you manage is stored in data storage services on systems like Microsoft's Azure or Amazon's AWS
- ☐ All data you manage is stored on your computer



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Which three of the following could be a statement in logic? (choose 3)

☒ All mammals give live birth to their offspring

☐ Stop it!

☐ Would you shut the door please?

☒ Pluto is the third planet from the sun

☒ All computer programs are not created equal



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Multiple choice

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Consider the following argument:

Premise 1: If the dog has fleas, the dog scratches itself

Premise 2:

Conclusion: Therefore, the dog scratches itself

Which of the following would be the most likely second proposition to complete the argument?

☐ Fleas are biting the dog

☐ Dogs like to scratch fleas

☒ The dog has fleas



☐ The dog does not have fleas

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Multiple choice

1.0/1.0 point (graded)

The following is not an argument.

Premise 1: If Tuesday is bagel day, then I will eat a bagel tomorrow

Premise 2: Wednesday is taco day

Conclusion: Therefore, I will have pizza

What is it missing?

☐ A premise

☒ A logical relation between the premises and conclusion



☐ Statements

☐ Premises with truth value

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