

Question 1 (1 point)

Use the following sentence to match the inverse, converse, and contrapositive:

If it is Friday, then I will have pizza for lunch.

Inverse:

Contrapositive:

Converse:

1. If it is not Friday, then I will not have pizza for lunch.
2. If it is not Friday, then I will have pizza for lunch.
3. If I do not have pizza for lunch, then it is not Friday.
4. If I have pizza for lunch, then it is Friday.
5. If I do not have pizza for lunch, then it is Friday.

Question 2 (1 point)

What is the converse of the following statement?

If Joe goes fishing, then he needs bait.

- ☐ If he needs bait, then Joe goes fishing.
- ☐ If Joe does not go fishing, then he does not need bait.
- ☐ If he does not need bait, then Joe does not go fishing.
- ☐ If Joe goes fishing, then he does not need bait.

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Question 3 (1 point)

Which is the inverse of the following statement:

If it is spring, then the flowers are blooming.

- ☐ If the flowers are blooming, then it is spring.
- ☐ If it is not spring, then the flowers are not blooming.
- ☐ If the flowers are not blooming, then it is not spring.
- ☐ If it is not spring, then the flowers are blooming.

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Question 4 (1 point)

Which is the contrapositive of the following statement?

If it is snowing, then it is cold.

- ☐ If it is not cold, then it is not snowing.
- ☐ If it is cold, then it is snowing.
- ☐ If it is not snowing, then it is not cold.
- ☐ If it is not snowing, then it is cold.

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