

Question 1: Read the following statements. Which of them are **true**?

1. Project managers are stakeholders in the architecture
2. End users are stakeholders in the architecture

- Both statements are true
- Neither statement is true
- Only the second statement is true.
- Only the first statement is true.

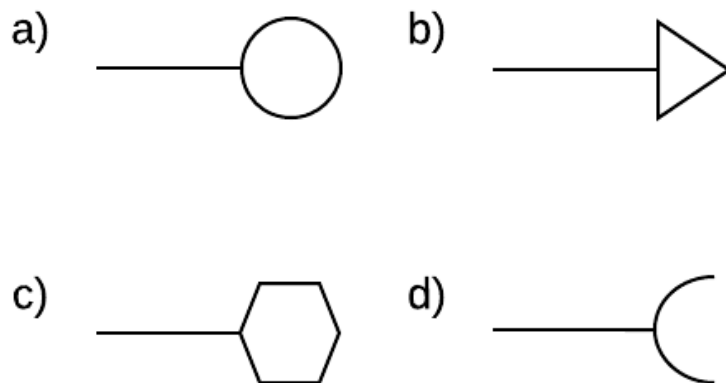
Question 2: Which of these UML diagrams might be useful for the logical view of a system? Select the **2 correct** answers.

- Deployment diagram
- Class diagram
- State diagram
- Sequence diagram

Question 3: You need to show how your software elements are mapped to hardware nodes and execution environments. Which view do you need?

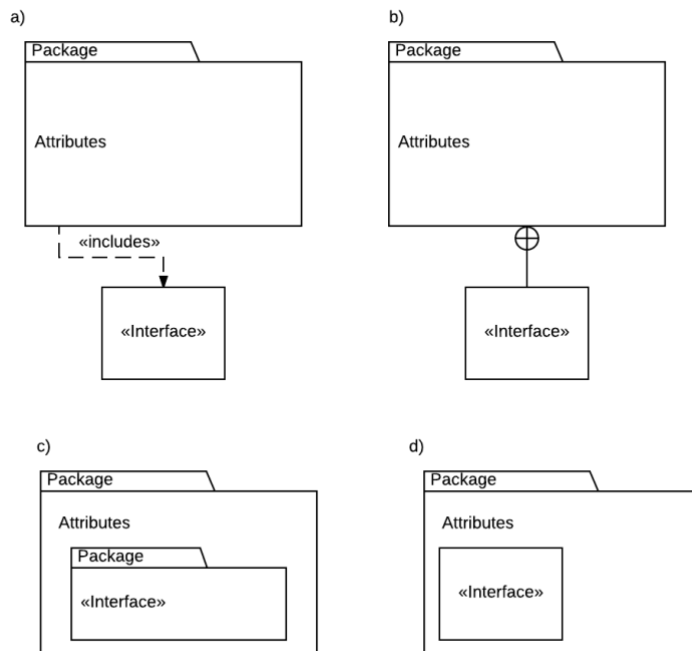
- process view
- scenario
- development view
- physical view

Question 4: William is drawing out a component diagram. One of his classes needs an interface from another component. Which of these connectors should he use on the component that needs an interface from another component?



d)

Question 5: Cécile is putting together a Package diagram. How can she show that a package has an interface? Select the **2 correct answers**.



b)
d)

Question 6: What is the name for a physical result of the development process, such as an executable file?

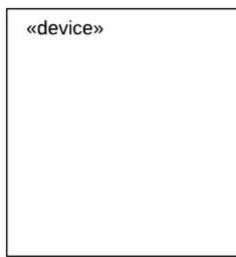
- package
- node
- leaf
- **artifact**

Question 7: Which of these sets of keywords might be used on the lines in package diagrams?

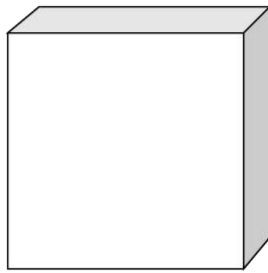
- deploy, merge, include
- interface, export, load
- **merge, access, import**
- request, import, merge

Question 8: How is a hardware device shown in a deployment diagram?

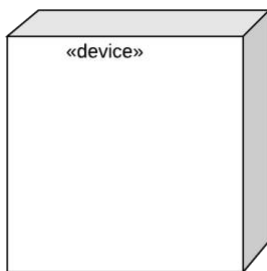
a)



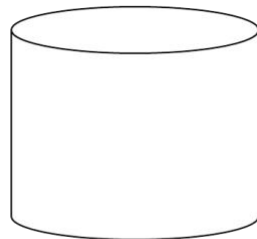
b)



c)

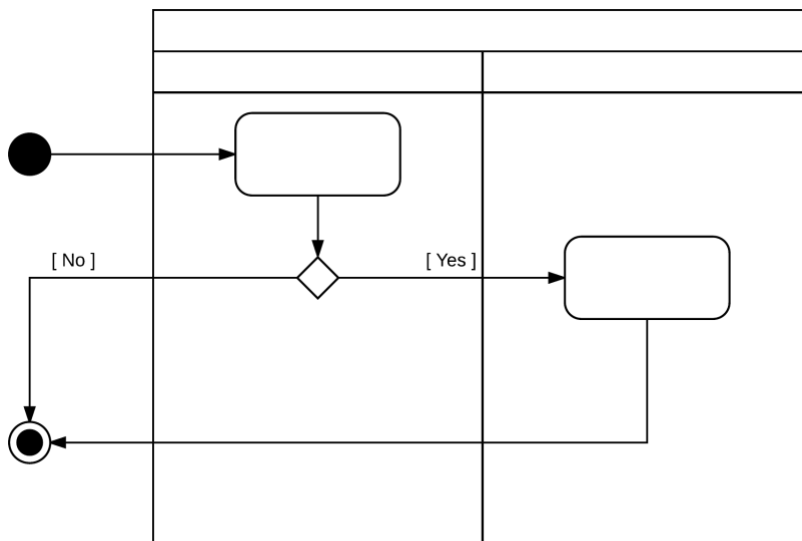


d)



c)

Question 9: What kind of UML diagram is shown here?



- Activity diagram
- Flow chart
- State diagram
- Sequence diagram

Question 10: Which of these is **NOT** shown on an activity diagram?

- concurrency
- decisions
- interfaces
- activities

Question 11: What does the **component** of 'component diagram' refer to?

- an independent, encapsulated unit in the system.
- an external part of the software system, like a library that must be imported.
- a general name for a "part" of the software system. It could be a method, variable, class, object, or grouping of any of these.
- the basic parts of the software, which it could not run without.

Question 12: The "+1" in Kruchten's 4+1 View Model refers to a scenario. What is a scenario?

- one of the tools that is used to implement the software.
- a representation of the system-wide state.
- a representation of a normal use case.
- an unexpected use case of the software.