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## ○ BJP4 Self-Check 8.2: whatIsAnObject

**Language/Type:** Java [classes](#) [Objects](#)

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What is an object? How is an object different from a class?

Sound F/X

- a. ☒ An object is an entity that encapsulates related data and behavior, while a class is the blueprint for a type of objects.
  - b. ☐ An object is a kind of class that does not contain any behavior (methods).
  - c. ☐ An object is not encapsulated and a class is encapsulated, making classes more powerful and reusable than objects.
  - d. ☐ A class is an instance of an object. One object can be used to create many classes.
  - e. ☐ Objects are used in object-oriented programming and classes are used in class-oriented programming.
- (order shuffled)

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**question #1:** What is an object? How is an object different from a class?

**your answer:**

An object is an entity that encapsulates related data and behavior, while a class is the blueprint

**result:** pass

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