

Quiz 05 - Static Variables & Methods

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100%

1. You use the class name to call a static method.

1 / 1 point

- ☒ True
- ☐ False



Correct

You can call a static method directly by class name.

2. The keyword *this* cannot be used in a static method.

1 / 1 point

- ☒ True
- ☐ False



Correct

The keyword "this" cannot be used in a static method because "this" refers to the object instance. There is no object instance in the call of a static method.

3. A static method cannot access an instance variable.

1 / 1 point

- ☒ True
- ☐ False



Correct

The reason a static method cannot access an instance variable is because static references the class, not a specific instance of the class, so there is no instance variable to access.

4. An instance method can call a static method or access a static variable.

1 / 1 point

- ☒ True
- ☐ False



Correct

An instance method can access static variables and static methods directly.