

Knowledge check

2 minutes

Choose the best response for each of the questions below. Then select **Check your answers**.

1. What is the primary job of an interface?

☐ Define the implementation details for an object.

☐ Describe the properties and return types of an object.

✓ **Correct! An interface describes the properties and return types, while a function or class defines the implementation details.**

☒ Fulfill the code contract for an object.

✗ **Incorrect. A function or class that implements the interface are responsible for fulfilling the code contract for an object.**

2. How can you prevent the type system from raising an error when a property in an interface is omitted?

☒ Make the property optional.

✓ **Correct! Optional properties may be omitted without raising an error.**

☐ Make the property required.

☐ Make the property read only.

3. What happens when you extend one interface with another interface?

☒ Multiple interfaces can have the same property if the property has the exact same name.

✗ **Incorrect. Multiple interfaces can have the same property if the property has the exact same name, but they must also be the same type.**

☐ If two interfaces have a property with the same name but different

types, TypeScript ignores the property completely.

☐ You must implement all the required properties from all interfaces.

✓ **Correct! Any required properties in any of the interfaces must be implemented in the combined interface.**

Next unit: Summary

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How are we doing? ☆ ☆ ☆ ☆ ☆