

✔ **Congratulations! You passed!**

Grade received **100%** To pass 80% or higher

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1. What does a two-sample hypothesis test determine?

1 / 1 point

- ☐ Whether two sample statistics, such as two means or two proportions, are equal
- ☒ Whether two population parameters, such as two means or two proportions, are equal
- ☐ Whether a population parameter, such as a mean or proportion, is equal to a specific value
- ☐ Whether a sample statistic, such as a mean or proportion, is equal to a specific value

✔ **Correct**

A two-sample hypothesis test determines whether two population parameters, such as two means or two proportions, are equal.

2. What is the null hypothesis of a two-sample t-test?

1 / 1 point

- ☐ The population proportion is equal to an observed value
- ☐ There is no difference between two population proportions
- ☒ There is no difference between two population means
- ☐ The population mean is equal to an observed value

✔ **Correct**

In a two-sample t-test, the null hypothesis states that there is no difference between two population means.