

✔ **Congratulations! You passed!**

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

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1. Fill in the blank: Margin of error is the _____ amount that the sample results are expected to differ from those of the actual population.

1 / 1 point

- ☒ maximum
- ☐ average
- ☐ median
- ☐ minimum

✔ **Correct**

Margin of error is the maximum amount that the sample results are expected to differ from those of the actual population.

2. In a survey about a new cleaning product, 75% of respondents report they would buy the product again. The margin of error for the survey is 5%. Based on the margin of error, what percentage range reflects the population's true response?

1 / 1 point

- ☒ Between 70% and 80%
- ☐ Between 73% and 78%
- ☐ Between 70% and 75%
- ☐ Between 75% and 80%

✔ **Correct**

Based on the margin of error, between 70% and 80% accurately reflects the population's true response.