✓ **Congratulations! You passed!**

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

Go to next item

Test your knowledge on margin of error

Total points 2

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

    ○ average

    ⦿ maximum

    ○ 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 75% and 80%

    ⦿ Between 70% and 80%

    ○ Between 70% and 75%

    ○ Between 73% and 78%

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