

Stats & Probability Class 4

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Statistical Sampling Exercises

Case #1

```
confidence_level <- 1.96
standard_deviation <- 15
max_admitted_error <- 2

confidence_level^2 * standard_deviation^2 / max_admitted_error^2

## [1] 216.09
```

Case #2

```
confidence.level <- 1.96
standard.deviation <- 10
max.admitted.error <- 2

confidence.level^2 * standard.deviation^2 / max.admitted.error^2

## [1] 96.04
```