Vocabulary: Estimating Population Size

dictionary2

**Vocabulary**

* Percent error – the difference between an estimated value and the true value, expressed as a percent.
  + Use the following equation to calculate the percent error:

percent error =  • 100

* For example, if the actual value is 200 and the estimated value is 175, then the percent error is calculated as follows:

percent error =  • 100

=  • 100

= –12.5%

* + A negative percent error means the estimated value is less than the actual value.
  + A positive percent error means the estimated value is greater than the actual value.
* Population – an entire group of objects or individuals.
* Sample – a part of a population selected to represent the population.