# What is the difference between accuracy and precision?

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## A result or measurement is accurate if it is close to the true value. A precise result is one where the data points are close together (but there can be a random error). It is therefore possible to have a precise measurement that is not accurate.

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|  | LOW accuracyHIGH precision |
|  | HIGH accuracyLOW precision |
|  | HIGH accuracyHIGH precision |