Factsheet: Laws of indices

Tom Coleman

A list of laws of indices.

*The associated study guide for this factsheet is* [*Guide: Laws of indices*](../studyguides/lawsofindices)*. If you would like to know more about these, please read the guide.*

Throughout this factsheet, are positive real numbers, and are real numbers, and is a positive whole number.

## Laws of indices

**Law 1**: .

**Law 2**: .

**Law 3**: .

**Law 4**: If is non-zero, then .

**Law 5**:

**Law 6**:

**Law 7**: .

**Law 8**: .

**Law 9**: .

**Law 10**: .

[For more on the subject, please go to Guide: Laws of indices](../studyguides/lawsofindices.qmd)