

Source: [\[KBhBIO101CellCycle\]](#)

1 | Cell Reproduction

=> Cell division is for **asexual production**, and growth/development + tissue renewal.

At some point, stuff ends up in different positions and that causes the specialization of cells. (Outside cells become skin cells, etc.)

Most cell division results in genetically identical daughter cell. Importantly, *most*: meaning that the

Also, know what...

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is doing.

To form a pair of sister chromatids: genetic material is duplicated as part of [\[KBhBIO101DNAReplication\]](#).

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You get a set of chromatids for each chromosome. If the chromosome gets overduplicated, you don't have a lot of fun: 18 repeat => down's syndrome.