

**CONCEPT** A percentage is a number or ratio expressed as a fraction of 100.

## BACKGROUND


The word percent comes from the Latin phrase per centum, which means per hundred. In mathematics, we use the symbol % for percent.

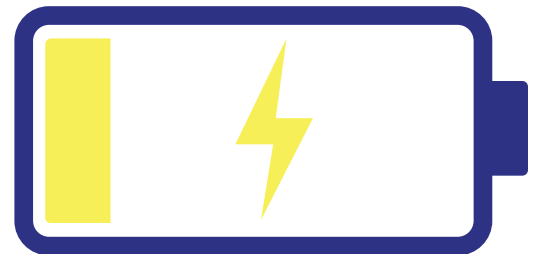
## REAL WORLD CONNECTIONS

When Low Power Mode is on, your iPhone will last longer before you need to charge it, but some features might take longer to update or complete. Also, some tasks might not work until you turn off Low Power Mode, or until you charge your iPhone to 80% or higher.

Low Power Mode reduces or affects these features:

- Email fetch
- Background app refresh
- Automatic downloads
- Some visual effects
- Auto-Lock (defaults to 30 seconds)
- iCloud Photos (temporarily paused)
- 5G (except for video streaming)

When Low Power Mode is on, the battery in the status bar will be yellow. You'll see  and the battery percentage. After you charge your iPhone to 80% or higher, Low Power Mode automatically turns off.



## EXAMPLES

Problems involving percents have any three quantities to work with: the percent, the amount, and the base.

- The percent has the percent symbol (%) or the word “percent.”
- The amount is the number that relates to the percent. It is always part of the whole.
- The base is the whole amount.