

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

APPLICATION

There are many ways we use percentages in real life.



SHOPPING

Knowing how to calculate percentages will allow you to determine the price of items on sale.



FOOD LABELS

Look at the food labels on juice or milk and see where it says “Percentage of recommended daily intake” for a certain portion or serving size.



TAXES

Income tax that people pay on their earnings is a percentage of those earnings.



TECHNOLOGY USAGE

Use your phone, tablet or other form of technology much? Try checking out the battery percentage.



SPORTS STATS

Know the winning percentage of your favorite sports team?



POLITICS

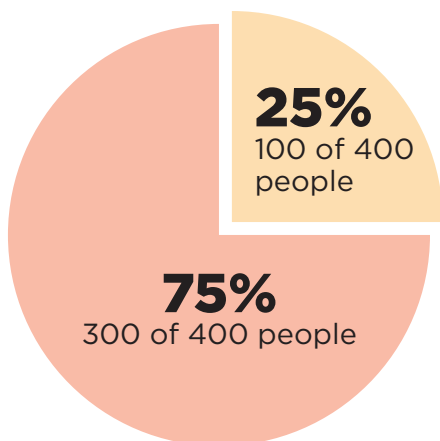
See how election results are displayed.

EXAMPLES

Problems involving percents have any three quantities to work with:

- the percent
- the amount
- 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.

Make sure it measures up

BACKGROUND

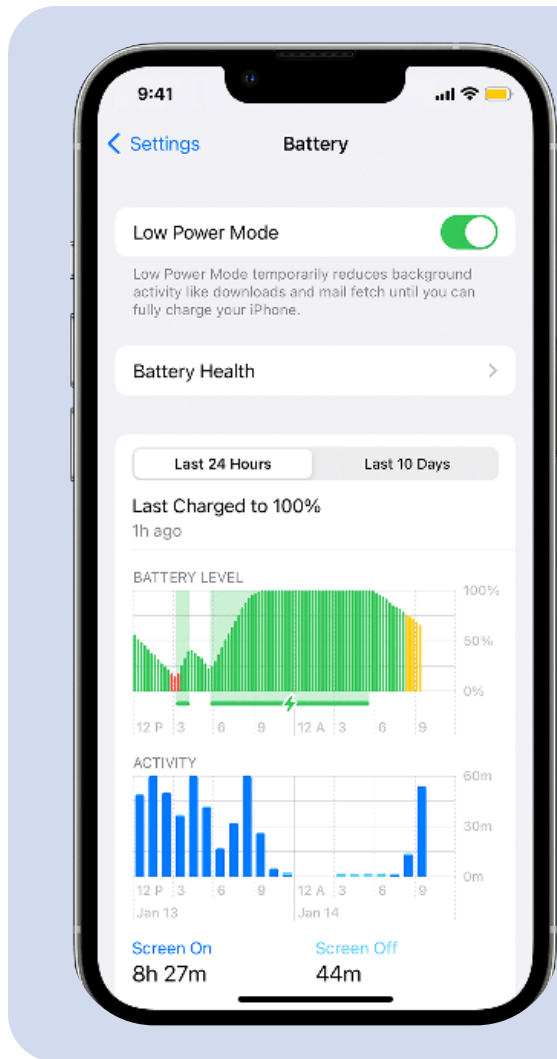


The word percent comes from the Latin phrase per centum, which means per hundred. In mathematics, we use the symbol % for percent.

FORMULA

Percent problems can be solved by writing equations. Percents are fractions, and just like fractions, when finding a percent (or fraction, or portion) of another amount, you multiply. **Percent of the Base is the Amount.**

$$\text{PERCENT} \times \text{BASE} = \text{AMOUNT}$$



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 will see the battery percentage. After you charge your iPhone to 80% or higher, Low Power Mode automatically turns off.



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