

What is a definition?

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Learning concepts bottom-up vs top-down

- ▶ Most people learn concepts bottom-up, generalizing from examples.
- ▶ In mathematics, concepts are introduced via definitions.
- ▶ Examples can illuminate definitions, but the definition has primacy.

A weird example

Definition

A *pflumpf* is a red house built by a Danish architect.

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Look at them!!

When stuck on something, have another look at the definitions of the concepts involved.