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Homonyms: words that share a form but have unrelated, distinct meanings:

➤$bank_1$: financial institution, $bank_2$: sloping land

➤bat_1: club for hitting a ball, bat_2: nocturnal flying mammal

1. Homographs (bank/bank, bat/bat)
2. Homophones:
    1. Write and right
    2. Piece and peace

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➤ One sense is a **hyponym** of another if the first sense is more specific, denoting a subclass of the other

➤ *car* is a hyponym of *vehicle*

➤ *mango* is a hyponym of *fruit*

➤ Conversely **hypernym/superordinate** ("hyper is super")

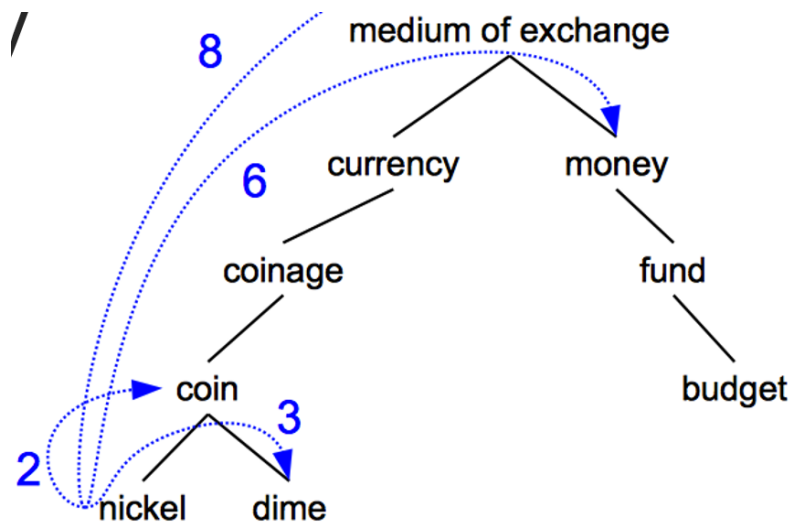➤ *vehicle* is a **hypernym** of *car*

➤ *fruit* is a hypernym of *mango*

Superordinate/hyper	vehicle	fruit	furniture
Subordinate/hyponym	car	mango	chair

➤Thesaurus-based algorithms
  ➤Are words "nearby" in hypernym hierarchy?
  ➤Do words have similar glosses (definitions)?
➤Distributional algorithms
  ➤Do words have similar distributional contexts?

$$\text{simpath}(c_1, c_2) = \frac{1}{\text{pathlen}(c_1, c_2)}$$

→ **Simpath(nickel,money)=1/6**