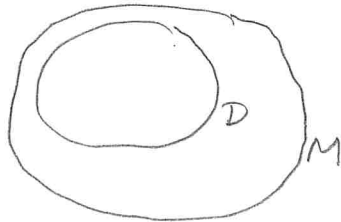
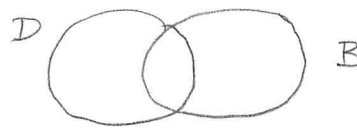


# Quantified Arguments & Venn Diagrams

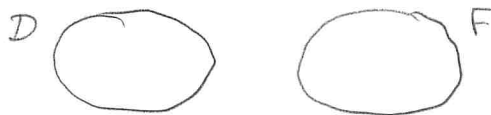
All dogs are mammals.



Some dogs bite.



No dog speaks French.



ex. All dogs are mammals.

All horses are mammals.

Some dogs are horses.

This argument is invalid because we can draw it this way:

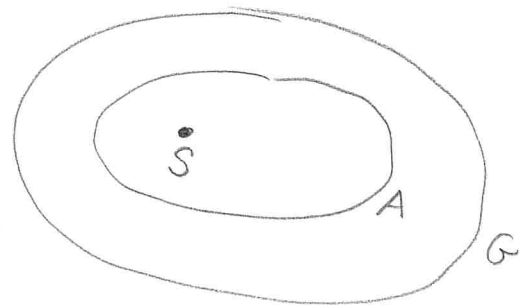


ex. All Athenians are Greek.

Solon is an Athenian.

Solon is Greek.

Valid argument



ex. All Athenians are Greek.

Darius is not Greek.

Darius is not an Athenian.

Valid argument

