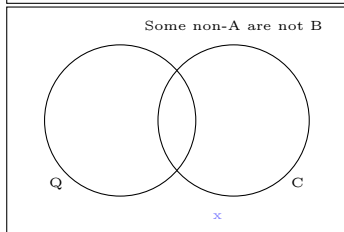
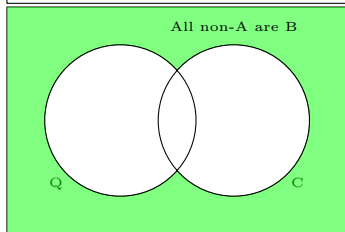
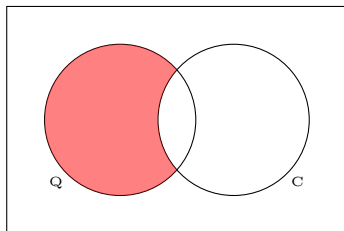
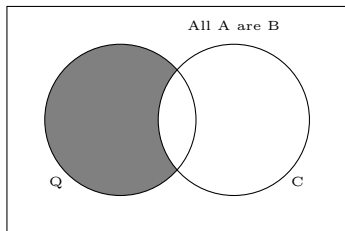


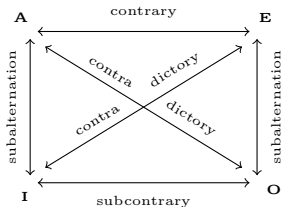
# BOOLEAN PERSPECTIVE

## STANDARD PROPOSITIONS

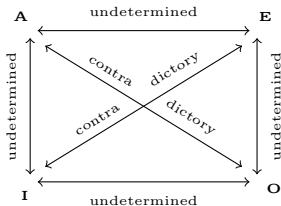


# SQUARES OF OPPOSITION

- ▶ The traditional square



- ▶ The modern square

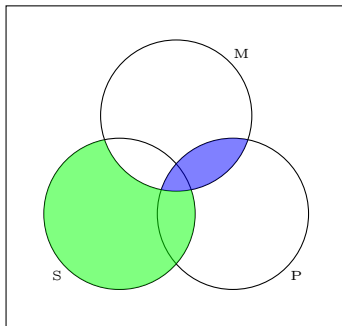


# EXAMPLE SYLLOGISM #1

EAE-2

1. No P are M
2. All S are M
3.  $\therefore$ , No S are P

**Valid**

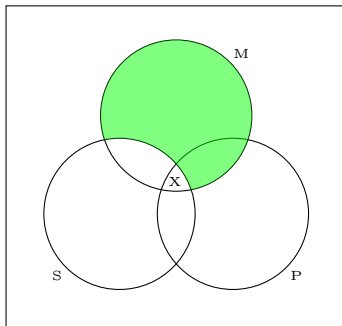


# EXAMPLE SYLLOGISM #2

IAI-4

1. Some P are M
2. All M are S
3.  $\therefore$ , Some S are P

**Valid**

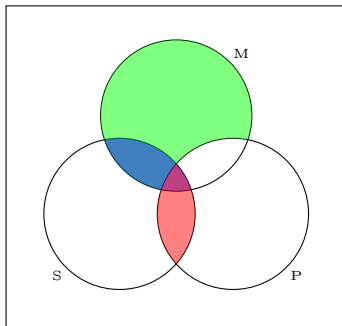


# EXAMPLE SYLLOGISM #3

AEE-1

1. All M are P
2. No S are M
3.  $\therefore$ , No S are P

**Invalid**



# EXAMPLE #4

OIO-1

1. Some M are not P
2. Some S are M
3.  $\therefore$ , Some S are not P

**Invalid**

