

Classical Propositional Logic

- The caller calls a formula, and each player either raises a hand or keeps it down.
- A complex formula should only be called after the parts needed to evaluate it have already been called.
- If a single letter such as P is called, raise your hand iff P is on your sheet.
- If $\neg\alpha$ is called, raise your hand iff you kept your hand down for α .
- If $(\alpha \vee \beta)$ is called, raise your hand iff you raised your hand for α or for β .
- If $(\alpha \wedge \beta)$ is called, raise your hand iff you raised your hand for both α and β .
- If $(\alpha \rightarrow \beta)$ is called, raise your hand iff you kept your hand down for α or raised your hand for β ; equivalently, raise your hand iff you raised your hand for $\neg\alpha$ or you raised your hand for β .

Normal Modal Logic

- If $\Box\alpha$ is called, raise your hand iff every player you can see raised a hand for α .
- If $\Diamond\alpha$ is called, raise your hand iff at least one player you can see raised a hand for α .

Starting letters

P

Q

R

S

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