

Truth Trees in

Polyadic QL

# 3

$$(\exists y) L a y \ \& \ (\exists x) L b x \quad \checkmark$$

$$\sim (\exists y) (L a y \ \& \ L b y) \quad \checkmark$$

$$(y) \sim (L a y \ \& \ L b y)$$

$$(\exists y) L a y \quad \checkmark$$

$$(\exists x) L b x \quad \checkmark$$

$L a c$

$L b d$

$$\sim (L a c \ \& \ L b a)$$

$$\sim (L a b \ \& \ L b b) \quad \checkmark$$

$$\sim (L a c \ \& \ L b c) \quad \checkmark$$

$$\sim (L a d \ \& \ L b d) \quad \checkmark$$

