

Quantifiers: For all (\forall) and There Exists (\exists)

A proposition is either True or False. Which of these statements are True?

- ▶ $\forall x \in \emptyset, x > 0$
- ▶ $\exists x \in \emptyset, x > 0$
- ▶ $\exists x \in \emptyset$
- ▶ All flying elephants eat pizza
- ▶ There exists a flying elephant that eats pizza
- ▶ There exists a flying elephant
- ▶ No flying elephant eats pizza
- ▶ For all flying elephants x , x does not eat pizza