

Propositions

Definition. A *proposition* is a sentence that is either true (T) or false (F), but not both.

Examples: Which of the following are propositions?

- ✓ • The French Quarter is located in New Orleans.
- ✓ • $4+2 = 42$
- • New Orleans is the best place to live.
- ✓ • $2*3 = 6$
- • $2*x = 6$
- ✗ • It is hot in New Orleans.