

**So far we've dealt only  
with atomic sentences.**

***It's time now to get our  
hands dirty with . . .***

***Complex sentences!!!!***

# Boolean connectives

<u>Connective</u> <u>equivalent</u>	<u>Symbol</u>	<u>English</u>
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**Negation**

$\neg$  **not**, *it is not the case that, non-, un-*

**Conjunction**  $\wedge$  **and**, *moreover, but*

**Disjunction**  $\vee$  **or**

Tet(a)  $\wedge$  Cube(b)

atomic

atomic

*how to translate these?*

complex

Between(a,d,e)  $\vee$

~~Between(a,d,f)~~

atomic atomic

complex