

## Factors that Encourage Using System 2 Thinking

Being rested and unstressed

Thinking 2

- Stating problems using frequencies rather than probabilities
- Evidence that is more easily quantified
- Courses that teach or encourage thinking about and with numbers and sampling

Psych 9B -- PSB 11B

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Thinking 2

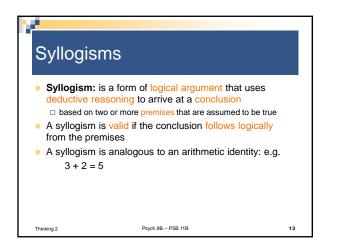
System 2 Reasoning Associated with WM Capacity
Across participants, people with more working memory capacity (WM) use System 2 thinking more frequently
Correlational research
Which raises an *internal validity* question

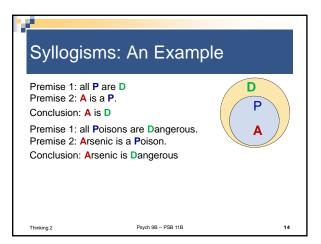
Does System 2 thinking depend on WM
Do people with better WM also have other differences that make them more capable of System 2 thinking?

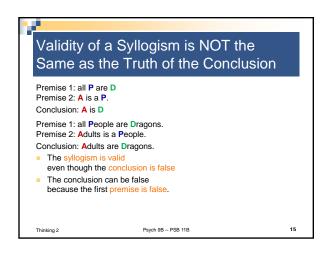
Psych 9B -- PSB 11B

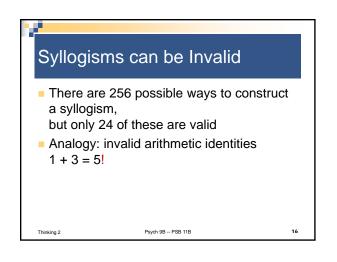
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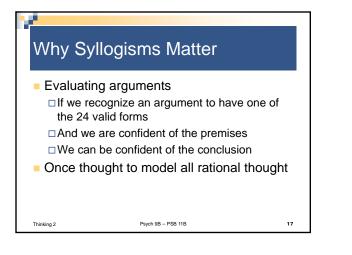
12

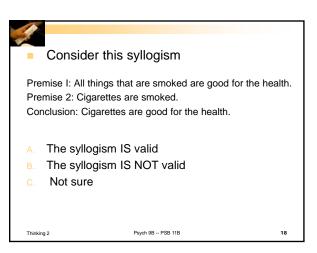


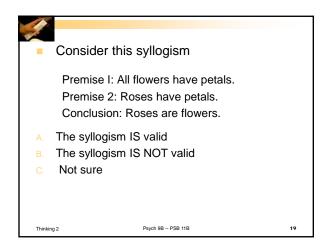


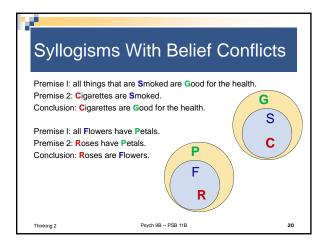


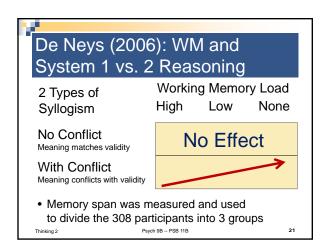


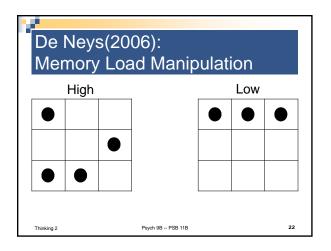


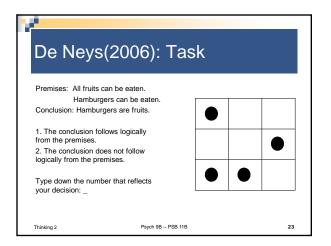












De Neys(2006): Task			
Each participant answered 8 syllogisms			
	Valid	Not Valid	
Without Conflicts	2	2	
With Conflicts	2	2	
Thinking 2 Psy	rch 9B PSB 11B	24	

