

How do I assess critical thinking, anyway?

Paisley Worthington

Dale Lackeyram

John Dawson

– University of Guelph –

Welcome

- Undergrad student at the University of Guelph
 - Trying to find a universal definition of critical thinking (CT)
- Why do you think CT is important?



CT is a learning outcome

“[Learning outcomes should be] based on common assessment measures of higher-order thinking skills ... such as **critical thinking**, communication and problem solving.

Appropriate assessment tools currently subject to debate.”

(Herbert, 2015, page 56) emphasis added

Today's outcomes

- Discuss challenges and potential solutions to teaching/assessing CT
- Understand rationale behind the Model of Integrated Thinking Skills (MITS)
- Consider how your specific needs could be addressed in tailored tools

What are some
challenges around
teaching/assessing CT?

The Search

- Wanted to find a definition that:
 1. Objectively describes CT as completely as possible
 2. Enables us to distinguish CT from other skills
 3. Can be interpreted in all disciplines

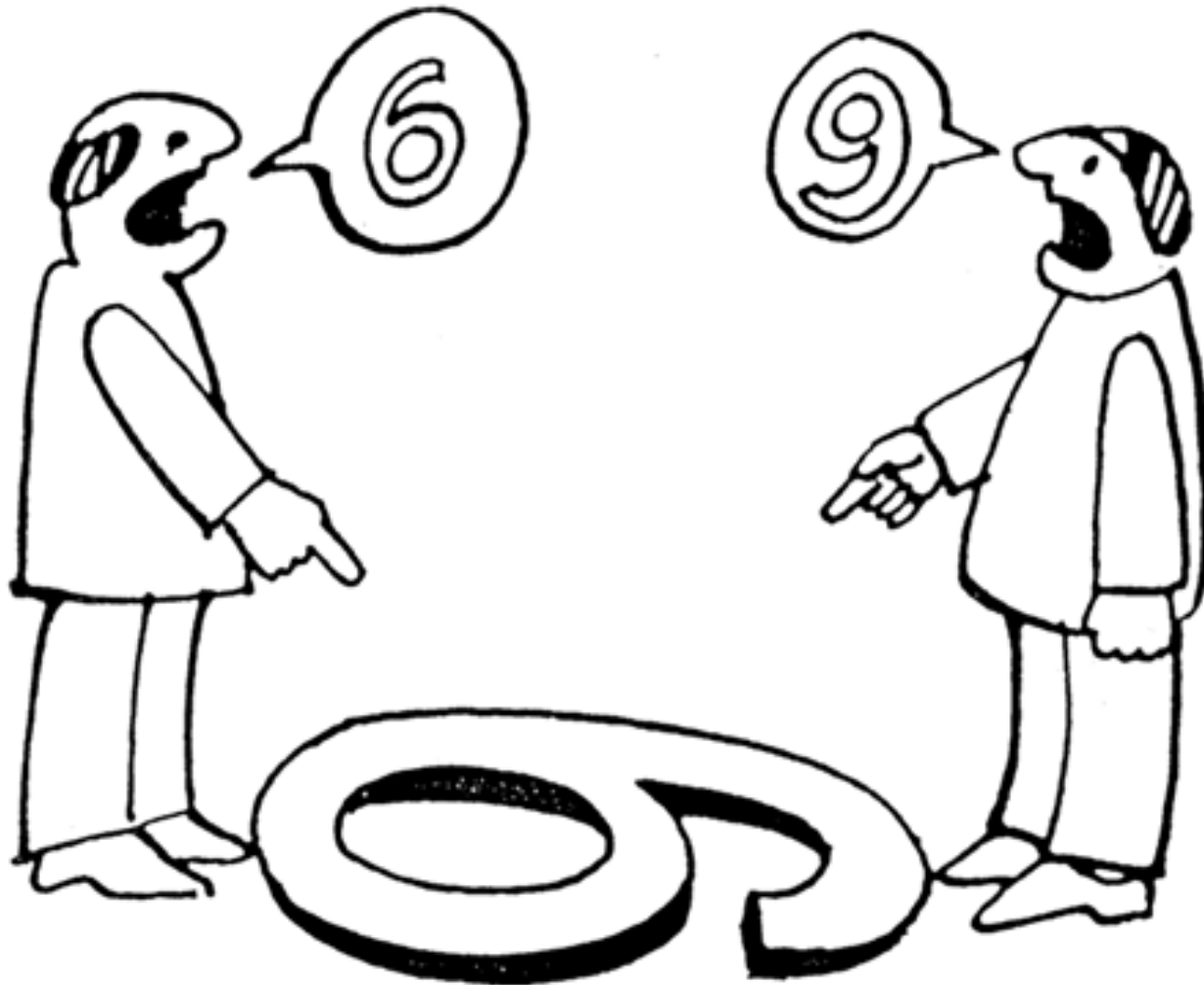


The Search

- Reviewed works of:
 - Richard Paul
 - Zechmeister and Johnson
 - Puccio, Mance and Murdoch
- Reviewed Liberal Academic and Critical Being views



The Search



MITIS unites CT models

Model of Integrated Thinking Skills

- Requires a certain attitude
- Pursues objective knowledge
- Joins knowledge, self, and world
- United with creative thinking
 - Present in all of our mental activities



The Model of Integrated Thinking-Skills (2016)

