

**Discuss:**

- (1) Summarize the first 6 propositions of Book I of Euclid's *Elements*. Dunham identifies a flaw in the very first proposition. Present the argument and discuss the flaw.
- (2) Summarize the next propositions in the text up to and including proposition *I.16*. Demonstrate the proof of the important proposition *I.16*.
- (3) Summarize the remaining propositions in the section (up to proposition *I.26*). Demonstrate the proof of this last one. Draw special attention to the indirect method of proof.