

Quiz 1. Math 10-270. January 29, 2014. Name

Each answer will receive a maximum of 10 points. Your score will depend on the accuracy and completeness of the answer.

1. Describe the remarkable architectural features of the Parthenon. (*Much is asserted, both valid and not, about the Parthenon. If your answer involves assertions that are not in the text, I ask that you provide your source.*)

2. Explain with the aid of carefully drawn diagrams how an angle of 24° can be constructed with a straightedge and compass.

How does it follow from this that a regular 15-gon is constructible?