MA 330 ASSIGNMENT # 2

In your own words, explain the statements and proofs of the following propositions from Euclid's Elements. Imagine that you are explaining it to one of your peers in this class who has not yet seen it. What is Euclid trying to prove? What is the general approach of his argument? Are there any surprises or significant details to be aware of in the proof? Answers to problems may be handwritten.

(1) Proposition I.1
(2) Proposition I.5
(3) Proposition I.29
(4) Proposition I.32
(5) Proposition I.41
(6) Proposition I.47