History of Mathematical Ideas
Quiz 5

Name:_____

You have 10 minutes to complete this quiz. If you have a question raise your hand and remain seated. In order to receive full credit your answer must be **complete**, **legible** and **correct**. Show your work, and give adequate explanations.

1. What is meant by a *constructible real number*?

2. Given a positive length x, describe how to construct $\sqrt{x}$ using straightedge and compass.