History of Mathematical Ideas
Quiz 2

Name:_____

You have 15 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.

Define the following words and phrases.

1. *rational point* (of a plane curve).

A *rational point* is a point whose coordinates are rational numbers.

2. *Pythagorean triple.*

A *Pythagorean triple* is a triple (a, b, c) of positive integers satisfying $a^2 + b^2 = c^2$.

3. *commensurable.*

Magnitudes/numbers a and b are *commensurable* if they have a "unit of common measure", which means that there is a magnitude/number c and positive integers r and s such that $a = rc$ and $b = sc$.