Math Blast From the Past

Archimedes

Syracuse

(Then part of Greece)

287-212 BC

**Discovered how to calculate the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and even wanted this diagram on his tombstone.**

**­­­­­­­­­­­­­­He made so much progress in this area that nothing could be added for \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Developed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of writing large numbers**

**Discovered the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_carries a portrait of Archimedes**

**The Greek writing on his cap is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Archimedes designed many tools for defending Syracuse from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Archimedes used mirrors to reflect and intensify the sun, causing the \_\_\_\_\_\_\_\_\_\_\_to catch on \_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Give me a place to stand and I will move the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**The Law of the Lever formula-**

**(work the lever problems on the back of this page)**

400 pounds

5 feet

5 feet

?

2 feet

8 feet

?

400 pounds