

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

**Small Angle Formula Practice**  
Astronomy

**Directions:** Using the information below, calculate the angular diameter for each of the following:

Distance from Earth (km):

- Venus: 25.8 Million
- Mars: 48.6 Million
- Mercury: 57 Million
- Jupiter: 390.6 Million
- Saturn: 777 Million
- Uranus: 1.69 Billion
- Neptune: 2.7 Billion
- Pluto: 4.67 Billion

Linear Diameter (km):

- Mercury: 4878
- Venus: 12100
- Mars: 6779
- Jupiter: 142981
- Saturn: 120536
- Uranus: 51118
- Neptune: 49500
- Pluto: 2302

Mercury

Venus

Mars

Jupiter

Saturn

Uranus

Neptune

Pluto