

Name: _____

1. What are the fundamental quantities of mechanics, their symbols, and their respective units? (25 pts)

2. State the symbol and value for the following prefixes: (5 pts ea.)

Prefix	Symbol	Value
mega		
kilo		
centi		
milli		
micro		

3. Convert the following: (10 pts ea.)

• 1.00 in. = _____ cm

• 6.10 in. = _____ cm

• 4 cm² = _____ m²