**PHYSICS DATA SHEET**

Useful Constants

Acceleration due to gravity 

Gravitational constant 

Mass of the Earth 

Radius of the Earth 

Speed of Light in Vacuum 

Trigonometry and Geometry

**Slope**



**Area**



**Circumference**



Prefixes Used With SI Units

**Exponential**

**Prefix** **Symbol** **Value**

atto a 10-18

femto f 10-15

pico p 10-12

nano n 10-9

micro  10-6

milli m 10-3

centi c 10-2

deci d 10-1

deka da 101

hecto h 102

kilo k 103

mega M 106

giga G 109

tera T 1012

**EQUATIONS**

Kinematics



Dynamics



Circular Motion



Waves



Energy

