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sinD....a 0 A RAM.H RAM A PL.L PL  
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Output  $h = \frac{1}{2}at^2$   $F = m \cdot a$   
 $P = 2 \cdot p \cdot T \cdot n \dots T = F \cdot r$   $4 \dots D^2 = A \cdot A \cdot F \cdot A$   
 $F \cdot P \cdot N \cdot F \cdot PL \cdot PL \cdot RAM \cdot RAM \cdot R \cdot p \cdot \mu = \mu$   
 $== \mu = \tan \alpha$   $V \cdot RAM = V \cdot PL \cdot n \cdot N$   
 $R = F \cdot C \pm F \cdot T \cdot \sin \alpha \dots a = 0$  A RAM.H  
RAM=A PL.L PL F S=w sin  $\alpha$  F  
 $X = F \cos \alpha$  F C=w cos  $\alpha$  F

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Torque  $T = Fr$

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Circumference of circle  $C = \pi d$   
Moment of force  $M = Fx$  ( $x$  is perpendicular distance) Principle of moments  $\Sigma M = 0$   $\Sigma$  clockwise moments =  $\Sigma$  anti-clockwise moments Conditions of equilibrium  $\Sigma F. h. = 0$   $\Sigma F. V. = 0$   $\Sigma M = 0$ .

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 $m = 1.8 \text{ } ^\circ\text{F} - 32$   
Numbers Less Than One  
Numbers Greater Than One  
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Power of 10 Prefix

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Abbreviation 10<sup>-1</sup> deci- d 10<sup>1</sup>  
deca- da 10<sup>-2</sup> centi- 2c 10<sup>2</sup> hecto-  
h 10<sup>-3</sup> milli- m 10<sup>3</sup> kilo- k 10<sup>-6</sup>  
micro-  $\mu$  10<sup>6</sup> Mega- M 10<sup>-9</sup> nano-  
n 10<sup>9</sup> Giga- G 10<sup>-12</sup> pico- p 10<sup>12</sup>  
Tera- T

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