Constants and Relations for PH 201 Quizzes and Exams

$g = 9.80\ m/s^2$	$G = 6.67 \times 10^{-11}\ Nm^2/kg^2$	2π rad = 360°	1 hr = 3600 s
$1\ km = 10^3\ m$	$1\ m = 10^2\ cm$	1 cm = 10 mm	$1\ kg = 10^3\ g$
$I_{Disk} = \frac{1}{2}MR^2$	$I_{Sphere} = \frac{2}{5}MR^2$	$I_{Ring} = MR^2$	$I_{Rod} = \frac{1}{12}ML^2$
$I_{Orbit} = MR^2$	$\rho_{water} = 1000\ kg/m^3$	$\rho_{air} = 1.29\ kg/m^3$	$1\ atm = 1.013 \times 10^5\ Pa$

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Please send any comments or questions about this page to ddonovan@nmu.edu

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