

$m \times 3.28 \rightarrow ft$	$ft \div 3.28 \rightarrow m$	$Kg \div 1000 \rightarrow ton$	$ton \times 1000 \rightarrow Kg$
$m \times 0.0254 \rightarrow in$	$in \times 0.0254 \rightarrow m$	$Kg \div 100 \rightarrow kN$	$kN \times 100 \rightarrow Kg$
$in \times 2.54 \rightarrow cm$	$cm \div 2.54 \rightarrow in$	$kN \div 10 \rightarrow ton$	$ton \times 10 \rightarrow kN$
$ft \times 30.48 \rightarrow cm$	$cm \div 30.48 \rightarrow ft$	$N \div 10 \rightarrow Kg$	$N \times 10 \rightarrow Kg$
$ft \times 12 \rightarrow in$	$in \div 12 \rightarrow ft$	$N \div 10000 \rightarrow ton$	$ton \times 10000 \rightarrow N$
$cm^2 \div 10000 \rightarrow m^2$	$m^2 \times 10000 \rightarrow cm^2$	$(\text{البرون}) Ib \div 2204 \rightarrow ton$	$ton \times 2204 \rightarrow Ib$
$mm^2 \div 100 \rightarrow cm^2$	$cm^2 \times 100 \rightarrow mm^2$	$(\text{البرون}) kIb \div 2.204 \rightarrow ton$	$ton \times 2.204 \rightarrow kIb$
$m^2 \times 3.28^2 \rightarrow ft^2$	$ft^2 \div 3.28^2 \rightarrow m^2$	$Ib \div 1000 \rightarrow kIb$	$kIb \times 1000 \rightarrow Ib$
$m^2 \div 0.0254^2 \rightarrow in^2$	$in^2 \times 0.0254^2 \rightarrow m^2$	$Ib \times 0.4536 \rightarrow Kg$	$Kg \div 0.4536 \rightarrow Ib$
$m^3 \times 220 \rightarrow galon$	$galon \div 220 \rightarrow m^3$	$t/m^2 \div 10 \rightarrow kg/cm^2$	$Kg/cm^2 \times 10 \rightarrow t/m^2$
$دافن \times 180/11 \rightarrow \text{متر}^2$	$\text{متر}^2 \div 180/11 \rightarrow \text{دافن}$	$Kg/m^2 \div 100 \rightarrow kN/m^2$	$kN/m^2 \times 100 \rightarrow Kg/m^2$
$1 Kip = 4448.22 N = 4.4482 kN = 0.448 ton$		$Kg/cm^2 \div 10 \rightarrow N/mm^2 = MPa$	$N/mm^2 \times 10 \rightarrow Kg/cm^2 (MPa)$
$Ib/in^2 \xrightarrow{0.703} t/m^2$	$t/m^2 \div 0.703 \rightarrow Ib/in^2$	$N/mm^2 \div 100 \rightarrow t/cm^2 (MPa)$	$t/cm^2 \times 100 \rightarrow N/mm^2 (MPa)$
$Ib/in^2 \xrightarrow{0.0703} Kg/cm^2$	$Kg/cm^2 \div 0.0703 \rightarrow Ib/in^2$	$t/m^2 \div 100 \rightarrow N/mm^2$	$N/mm^2 \times 100 \rightarrow t/m^2$
$Ib/in^2 \xrightarrow{0.00703} N/mm^2$	$N/mm^2 \div 0.00703 \rightarrow Ib/in^2$	$kN/m^2 \div 1000 \rightarrow N/mm^2$	$N/mm^2 \times 1000 \rightarrow kN/m^2$
$Psi = Ib/in^2$	$Kip = kIb/in^2$	$Kip \times 703 \rightarrow t/m^2$	$t/m^2 \div 703 \rightarrow Kip$
		$t/m^3 \div 1000 \rightarrow Kg/cm^3$	$Kg/cm^3 \times 1000 \rightarrow t/m^3$

$$fc' = 3 Kip = 3000 Psi = 3000 \times 0.00703 = 21 N/mm^2$$

$$g = 9.8 \approx 10 m/sec^2 = 32.174 ft/sec^2 = 386 in/sec^2$$