



# CONVERSION FACTORS

## Force

<b>To Convert</b>	pounds (lbs)	<b>To</b>	newtons (N)	<b>Multiply By</b>	4.448
	newtons (N)		pounds (lbs)		0.2248

  

lbs	N	lbs	N	lbs	N	lbs	N
0.25	1.1	2.75	12.2	5.25	23.4	7.75	34.5
0.50	2.2	3.00	13.3	5.50	24.5	8.00	35.6
0.75	3.3	3.25	14.5	5.75	25.6	8.25	36.7
1.00	4.4	3.50	15.6	6.00	26.7	8.50	37.8
1.25	5.6	3.75	16.7	6.25	27.8	8.75	38.9
1.50	6.7	4.00	17.8	6.50	28.9	9.00	40.0
1.75	7.8	4.25	18.9	6.75	30.0	9.25	41.1
2.00	8.9	4.50	20.0	7.00	31.1	9.50	42.3
2.25	10.0	4.75	21.1	7.25	32.2	9.75	43.4
2.50	11.1	5.00	22.2	7.50	33.4	10.00	44.5

## Temperature

<b>To Convert</b>	Fahrenheit (°F)	<b>To</b>	Celsius (°C)	<b>Multiply By</b>	$(^{\circ}\text{F} - 32) / 1.8$
	Celsius (°C)		Fahrenheit (°F)		$1.8^{\circ}\text{C} + 32$

  

°F	°C	°F	°C	°F	°C	°F	°C
5	-15.0	55	+12.8	105	+40.6	155	68.3
10	-12.2	60	15.6	110	43.3	160	71.1
15	-9.4	65	18.3	115	46.1	165	73.9
20	-6.7	70	21.1	120	48.9	170	76.7
25	-3.9	75	23.9	125	51.7	175	79.4
30	-1.1	80	26.7	130	54.4	180	82.2
35	+1.7	85	18.9	135	57.2	185	85.0
40	+4.4	90	32.2	140	60.0	190	87.8
45	+7.2	95	35.0	145	62.8	195	90.6
50	+10.0	100	37.8	150	65.6	200	93.3