

CONVERSIONS FROM LINEAL FEET TO BOARD FEET IN STANDARD SIZES OF WESTERN LUMBER

Board Measure Equivalents

This table, based on Standard Nominal Sizes (from 1 x 2 to 8 x 24) has been developed by Western Wood Products Association as an aid to find the equivalents between lineal and board feet. The common lengths between 6' and 20' are tabulated in the table; a formula is provided for calculating other lengths. The table can be used when dollar amounts are added, as the basis of converting cost per piece. For lengths, other than those tabulated, the formula for converting lineal feet to board feet is: **$T \times W \times L = \text{Board feet } 12$**

LINEAL FEET PER BOARD FOOT	NOMINAL SIZE	BOARD FEET PER LINEAL FOOT	BOARD FEET (ROUNDED TO NEAREST 100TH)							
			6'	8'	10'	12'	14'	16'	18'	20'
6.0000'	1 x 2	0.1667	1	1.33	1.67	2	2.33	2.67	3	3.33
4.0000	1 x 3	0.2500	1.50	2	2.50	3	3.50	4	4.5	5
3.0000	1 x 4	0.3333	2	2.67	3.33	4	4.67	5.33	6	6.67
2.0000	1 x 6	0.5000	3	4	5	6	7	8	9	10
1.5000	1 x 8	0.6667	4	5.33	6.67	8	9.33	10.67	12	13.33
1.2000	1 x 10	0.8333	5	6.67	8.33	10	11.67	13.33	15	16.67
1.0000	1 x 12	1.0000	6	8	10	12	14	16	18	20
0.8571	1 x 14	1.1667	7	9.33	11.67	14	16.33	18.67	21	23.33
3.0000	2 x 2	0.3333	2	2.67	3.33	4	4.67	5.33	6	6.67
2.0000	2 x 3	0.5000	3	4	5	6	7	8	9	10
1.5000	2 x 4	0.6667	4	5.33	6.67	8	9.33	10.67	12	13.33
1.0000	2 x 6	1.0000	6	8	10	12	14	16	18	20
0.7500	2 x 8	1.3333	8	10.67	13.33	16	18.67	21.33	24	26.67
0.6000	2 x 10	1.6667	10	13.33	16.67	20	23.33	26.67	30	33.33
0.5000	2 x 12	2.0000	12	16	20	24	28	32	36	40
0.4286	2 x 14	2.3333	14	18.67	23.33	28	32.67	37.33	42	46.67
1.3333	3 x 3	0.7500	4.50	6	7.50	9	10.50	12	13.5	15
1.0000	3 x 4	1.0000	6	8	10	12	14	16	18	20
0.6667	3 x 6	1.5000	9	12	15	18	21	24	27	30
0.5000	3 x 8	2.0000	12	16	20	24	28	32	36	40
0.4000	3 x 10	2.5000	15	20	25	30	35	40	45	50
0.3333	3 x 12	3.0000	18	24	30	36	42	48	54	60
0.2857	3 x 14	3.5000	21	28	35	42	49	56	63	70
0.2500	3 x 16	4.0000	24	32	40	48	56	64	72	80
0.7500	4 x 4	1.3333	8	10.67	13.33	16	18.67	21.33	24	26.67
0.5000	4 x 6	2.0000	12	16	20	24	28	32	36	40
0.3750	4 x 8	2.6667	16	21.33	26.67	32	37.33	42.67	48	53.33
0.3000	4 x 10	3.3333	20	26.67	33.33	40	46.67	53.33	60	66.67
0.2500	4 x 12	4.0000	24	32	40	48	56	64	72	80
0.2143	4 x 14	4.6667	28	37.33	46.67	56	65.33	74.67	84	93.33
0.1875	4 x 16	5.3333	32	42.67	53.33	64	74.67	85.33	96	106.67
0.3333	6 x 6	3.0000	18	24	30	36	42	48	54	60
0.2500	6 x 8	4.0000	24	32	40	48	56	64	72	80
0.2080	6 x 10	5.0000	30	40	50	60	70	80	90	100
0.1667	6 x 12	6.0000	36	48	60	72	84	96	108	120
0.1429	6 x 14	7.0000	42	56	70	84	98	112	126	140
0.1250	6 x 16	8.0000	48	64	80	96	112	128	144	160
0.1111	6 x 18	9.0000	54	72	90	108	126	144	162	180
0.1000	6 x 20	10.0000	60	80	100	120	140	160	180	200
0.1875	8 x 8	5.3333	32	42.67	53.33	64	74.67	85.33	96	106.67
0.1500	8 x 10	6.6667	40	53.33	66.67	80	99.33	106.67	120	133.33
0.1250	8 x 12	8.0000	48	64	80	96	112	128	144	160
0.1071	8 x 14	9.3333	56	74.67	93.33	112	130.67	149.33	168	186.67
0.0938	8 x 16	10.6667	64	85.33	106.67	128	149.33	170.67	192	213.33
0.0833	8 x 18	12.0000	72	96	120	144	168	192	216	240
0.0750	8 x 20	13.3333	80	106.67	133.33	160	186.67	213.33	240	266.67
0.0682	8 x 22	14.6667	88	117.33	146.67	176	205.33	234.67	264	293.33
0.0625	8 x 24	16.0000	96	128	160	192	224	256	288	320

NOTE: 5/4" thickness - multiply 1" lineal ft. per board ft. factor x 1.25
 - multiply 1" board ft. per lineal ft. factor x 1.25