**Lumber Dimensions**

2x4s are not actually 2 inches by 4 inches. When the board is first rough sawn from the log, it is a true 2x4, but the drying process and planing of the board reduce it to the finished 1.5x3.5 size. Here are the common sizes of lumber, and their actual sizes.

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| **Nominal** | **Actual** | **Actual - Metric** |
| 1" x 2" | 3/4" x 1-1/2" | 19 x 38 mm |
| 1" x 3" | 3/4" x 2-1/2" | 19 x 64 mm |
| 1" x 4" | 3/4" x 3-1/2" | 19 x 89 mm |
| 1" x 5" | 3/4" x 4-1/2" | 19 x 114 mm |
| 1" x 6" | 3/4" x 5-1/2" | 19 x 140 mm |
| 1" x 7" | 3/4" x 6-1/4" | 19 x 159 mm |
| 1" x 8" | 3/4" x 7-1/4" | 19 x 184 mm |
| 1" x 10" | 3/4" x 9-1/4" | 19 x 235 mm |
| 1" x 12" | 3/4" x 11-1/4" | 19 x 286 mm |
| 1-1/4" x 4" | 1" x 3-1/2" | 25 x 89 mm |
| 1-1/4" x 6" | 1" x 5-1/2" | 25 x 140 mm |
| 1-1/4" x 8" | 1" x 7-1/4" | 25 x 184 mm |
| 1-1/4" x 10" | 1" x 9-1/4" | 25 x 235 mm |
| 1-1/4" x 12" | 1" x 11-1/4" | 25 x 286 mm |
| 1-1/2" x 4" | 1-1/4" x 3-1/2" | 32 x 89 mm |
| 1-1/2" x 6" | 1-1/4" x 5-1/2" | 32 x 140 mm |
| 1-1/2" x 8" | 1-1/4" x 7-1/4" | 32 x 184 mm |
| 1-1/2" x 10" | 1-1/4" x 9-1/4" | 32 x 235 mm |
| 1-1/2" x 12" | 1-1/4" x 11-1/4" | 32 x 286 mm |
| 2" x 2" | 1-1/2" x 1-1/2" | 38 x 38 mm |
| 2" x 4" | 1-1/2" x 3-1/2" | 38 x 89 mm |
| 2" x 6" | 1-1/2" x 5-1/2" | 38 x 140 mm |
| 2" x 8" | 1-1/2" x 7-1/4" | 38 x 184 mm |
| 2" x 10" | 1-1/2" x 9-1/4" | 38 x 235 mm |
| 2" x 12" | 1-1/2" x 11-1/4" | 38 x 286 mm |
| 3" x 6" | 2-1/2" x 5-1/2" | 64 x 140 mm |
| 4" x 4" | 3-1/2" x 3-1/2" | 89 x 89 mm |
| 4" x 6" | 3-1/2" x 5-1/2" | 89 x 140 mm |