

# SCALES

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## POPULAR DOLLHOUSE SCALES

<u>Name</u>	<u>Scale to foot (inches)</u>	<u>Notes</u>
Playscale	2:12	1:6 scale, Barbie and her friends
Inch scale	1:12	Most common dollhouse scale, inch to the foot. Now found in wooden furniture sold in craft stores for both adult hobbyists and children.
Children's	1:16	3/4" to the foot, some commercial brands, Lundby & Brio
Children's	1:18	2/3" to the foot, common among manufacturers of plastic furniture for children (Renwal, Marx, Petite Princess)
Half scale	1:24	1/2" to the foot
Quarter scale	1:48	1/4" to the foot
Micro	1:144	1/144" to the foot

## POPULAR MODEL RAILROADING SCALE CHART

<u>Name</u>	<u>Proportion</u>	<u>Scale to foot</u>	<u>Track gauge</u>	<u>Minimum Radius</u>	<u>Feet to mile scale</u>
Z	1:220	1.4 mm	6.5 mm	5.75"	24' - 0"
N	1:160	1.9 mm	9.0 mm	7.5"	33' - 0"
HO	1:87	3.5 mm	16.5 mm	15"	60' - 7.5"
S	1:64	3/16	7/8"	22.5"	82' - 6"
O	1:48	1/4"	1.25"	23"	110' - 6"
G	1:22.5	12.5 mm	1.75"	23 5/8"	234' - 8"

<http://harrysrailyard.com>

There are a number of other scales but these are the most commonly found in the US. HO refers to half O, though the ratios are not exact.

## MODEL AUTO SCALES

1:12, 1:18, 1:24, 1:32 1:43, and 1:64, among others. Generally, Matchbox cars are 1:64.

# SCALE CONVERSION CHART

Compliments of B J Miniatures

In real life	1/4" Quarter scale 1:48	1/2" Half scale 1:24	1" scale 1:12	In real life	1/4" Quarter scale 1:48	1/2" Half scale 1:24	1" scale 1:12
inch	inch	inch	inch	inch	inch	inch	inch
3/8		1/64	1/32	12-3/8		33/64	1-1/32
3/4	1/64	1/32	1/16	12-3/4	17/64	17/32	1-1/16
1-1/8		3/64	3/32	13-1/8		35/64	1-3/32
1-1/2	1/32	1/16	1/8	13-1/2	9/32	9/16	1-1/8
1-7/8		5/64	5/32	13-7/8		37/64	1-5/32
2-1/4	3/64	3/32	3/16	14-1/4	19/64	19/32	1-3/16
2-5/8		7/64	7/32	14-5/8		39/64	1-7/32
3	1/16	1/8	1/4	15	5/16	5/8	1-1/4
3-3/8		9/64	9/32	15-3/8		41/64	1-9/32
3-3/4	5/64	5/32	5/16	15-3/4	21/64	21/32	1-5/16
4-1/8		11/64	11/32	16-1/8		43/64	1-11/32
4-1/2	3/32	3/16	3/8	16-1/2	11/32	11/16	1-3/8
4-7/8		13/64	13/32	16-7/8		45/64	1-13/32
5-1/4	7/64	7/32	7/16	17-1/4	23/64	23/32	1-7/16
5-5/8		15/64	15/32	17-5/8		47/64	1-15/32
6	1/8	1/4	1/2	18	3/8	3/4	1-1/2
6-3/8		17/64	17/32	18-3/8		49/64	1-17/32
6-3/4	9/64	9/32	9/16	18-3/4	25/64	25/32	1-9/16
7-1/8		19/64	19/32	19-1/8		51/64	1-19/32
7-1/2	5/32	5/16	5/8	19-1/2	13/32	13/16	1-5/8
7-7/8		21/64	21/32	19-7/8		53/64	1-21/32
8-1/4	11/64	11/32	11/16	20-1/4	27/64	27/32	1-11/16
8-5/8		23/64	23/32	20-5/8		55/64	1-23/32
9	3/16	3/8	3/4	21	7/16	7/8	1-3/4
9-3/8		25/64	25/32	21-3/8		57/64	1-25/32
9-3/4	13/64	13/32	13/16	21-3/4	29/64	29/32	1-13/16
10-1/8		27/64	27/32	22-1/8		59/64	1-27/32
10-1/2	7/32	7/16	7/8	22-1/2	15/32	15/16	1-7/8
10-7/8		29/64	29/32	22-7/8		61/64	1-29/32
11-1/4	15/64	15/32	15/16	23-1/4	31/64	31/32	1-15/16
11-5/8		31/64	31/32	23-5/8		63/64	1-21/32
12	1/4	1/2	1	24	1/2	1	2