

Stair riser chart

Aims at a 7 inch riser with 10 inch treads. Every row is within the IRC's 7 3/4 inch riser.
Check your local code before you cut.

Deck and porch steps

Floor to floor	Risers	Each riser	Treads	Stringer
14"	2	7"	1	1' 5 3/16"
18"	3	6"	2	2' 2 15/16"
21"	3	7"	2	2' 5"
24"	4	6"	3	3' 2 7/16"
28"	4	7"	3	3' 5 1/16"
30"	4	7 1/2"	3	3' 6 7/16"
36"	5	7 3/16"	4	4' 5 13/16"
42"	6	7"	5	5' 5 5/16"
48"	7	6 7/8"	6	6' 4 7/8"

Stairs between floors

Floor to floor	Risers	Each riser	Treads	Stringer
96"	14	6 7/8"	13	13' 5 5/8"
100"	14	7 1/8"	13	13' 8"
102"	15	6 13/16"	14	14' 5 1/4"
104"	15	6 15/16"	14	14' 6 7/16"
105"	15	7"	14	14' 7"
106"	15	7 1/16"	14	14' 7 5/8"
108"	15	7 3/16"	14	14' 8 13/16"
110"	16	6 7/8"	15	15' 6"
112"	16	7"	15	15' 7 3/16"
114"	16	7 1/8"	15	15' 8 7/16"
117"	17	6 7/8"	16	16' 6 1/4"
120"	17	7 1/16"	16	16' 8"