PitchCalc roof pitch chart

PitchCalc | https://pitchcalc.com | US customary | planning estimates only

1/12 through 24/12. Plumb cut equals the roof angle (common-rafter ridge cut).

Pitch	Deg	Slope%	Mult	Rafter/ft	Plumb	Class
1/12	4.8	8.3%	1.003	1.003 ft	4.8	Flat
2/12	9.5	16.7%	1.014	1.014 ft	9.5	Low slope
3/12	14.0	25.0%	1.031	1.031 ft	14.0	Low slope
4/12	18.4	33.3%	1.054	1.054 ft	18.4	Conventional
5/12	22.6	41.7%	1.083	1.083 ft	22.6	Conventional
6/12	26.6	50.0%	1.118	1.118 ft	26.6	Conventional
7/12	30.3	58.3%	1.158	1.158 ft	30.3	Conventional
8/12	33.7	66.7%	1.202	1.202 ft	33.7	Conventional
9/12	36.9	75.0%	1.250	1.250 ft	36.9	Conventional
10/12	39.8	83.3%	1.302	1.302 ft	39.8	Steep
11/12	42.5	91.7%	1.357	1.357 ft	42.5	Steep
12/12	45.0	100.0%	1.414	1.414 ft	45.0	Steep
13/12	47.3	108.3%	1.474	1.474 ft	47.3	Steep
14/12	49.4	116.7%	1.537	1.537 ft	49.4	Steep
15/12	51.3	125.0%	1.601	1.601 ft	51.3	Steep
16/12	53.1	133.3%	1.667	1.667 ft	53.1	Steep
17/12	54.8	141.7%	1.734	1.734 ft	54.8	Steep
18/12	56.3	150.0%	1.803	1.803 ft	56.3	Steep
19/12	57.7	158.3%	1.873	1.873 ft	57.7	Steep
20/12	59.0	166.7%	1.944	1.944 ft	59.0	Steep
21/12	60.3	175.0%	2.016	2.016 ft	60.3	Steep
22/12	61.4	183.3%	2.088	2.088 ft	61.4	Steep
23/12	62.4	191.7%	2.162	2.162 ft	62.4	Steep
24/12	63.4	200.0%	2.236	2.236 ft	63.4	Steep