

GABLE AREA CHART

Every gable width from 16 to 48 feet at five pitches, so the triangle nobody can reach with a tape stops being a guess.

A gable is a triangle, and its area is the width squared times the pitch divided by 48. The 48 is doing two things at once: dividing by two because it is a triangle, and by twenty four to turn inches of rise per foot into feet of height. That is the whole reason you never have to climb up and measure the peak.

Width is squared, which is the part that surprises people. A 40 foot gable is not a third larger than a 30 foot gable, it is nearly twice as large. That is why gables blow an estimate on a wide house and barely register on a narrow one.

Area of one gable, square feet

Gable width	4/12	6/12	8/12	10/12	12/12
16 ft	21	32	43	53	64
18 ft	27	41	54	68	81
20 ft	33	50	67	83	100
22 ft	40	61	81	101	121
24 ft	48	72	96	120	144
26 ft	56	85	113	141	169
28 ft	65	98	131	163	196
30 ft	75	113	150	188	225
32 ft	85	128	171	213	256
34 ft	96	145	193	241	289
36 ft	108	162	216	270	324
38 ft	120	181	241	301	361
40 ft	133	200	267	333	400
42 ft	147	221	294	368	441
44 ft	161	242	323	403	484
46 ft	176	265	353	441	529
48 ft	192	288	384	480	576

One gable. Most houses have two, so double it before ordering. A cross gable, a dormer or a gabled porch is another triangle at its own width and its own pitch.

Two gables in squares of siding, waste included

Gable width	4/12	6/12	8/12	10/12	12/12
16 ft	0.5	0.7	1	1.2	1.4
18 ft	0.6	0.9	1.2	1.5	1.8
20 ft	0.7	1.1	1.5	1.9	2.2
22 ft	0.9	1.4	1.8	2.3	2.7
24 ft	1.1	1.6	2.2	2.7	3.2
26 ft	1.3	1.9	2.5	3.2	3.8
28 ft	1.5	2.2	2.9	3.7	4.4
30 ft	1.7	2.5	3.4	4.2	5
32 ft	1.9	2.9	3.8	4.8	5.7
34 ft	2.2	3.2	4.3	5.4	6.5
36 ft	2.4	3.6	4.8	6	7.3
38 ft	2.7	4	5.4	6.7	8.1
40 ft	3	4.5	6	7.5	9
42 ft	3.3	4.9	6.6	8.2	9.9
44 ft	3.6	5.4	7.2	9	10.8
46 ft	3.9	5.9	7.9	9.9	11.8
48 ft	4.3	6.5	8.6	10.8	12.9

Squares for a pair of gables with 12 percent waste. Gable siding wastes more than wall siding does, because every course meets the rake at an angle and the offcut is a triangle that will not start another course.

Every figure on this sheet was produced by the same calculator that runs at contractorhandbook.com, free and with no signup.

These are estimating figures for ordering and pricing, not engineering. Nothing here sizes a structural member, checks a load, or replaces local code, a permit, or a manufacturer's installation instructions. Where a rule of thumb is doing the work it is written into the notes under each table rather than hidden.