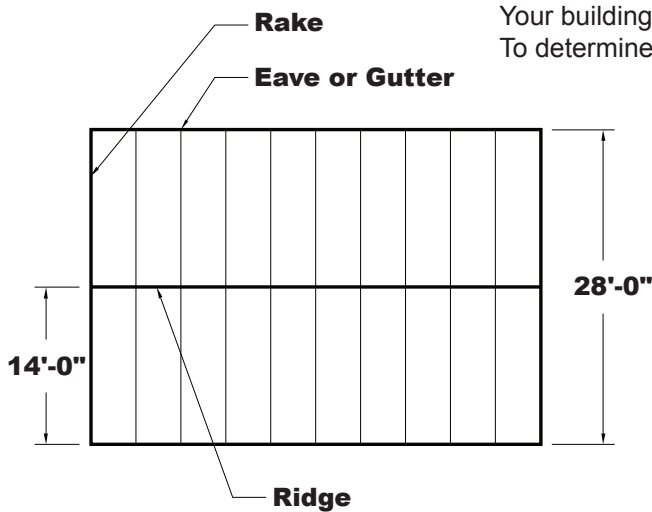




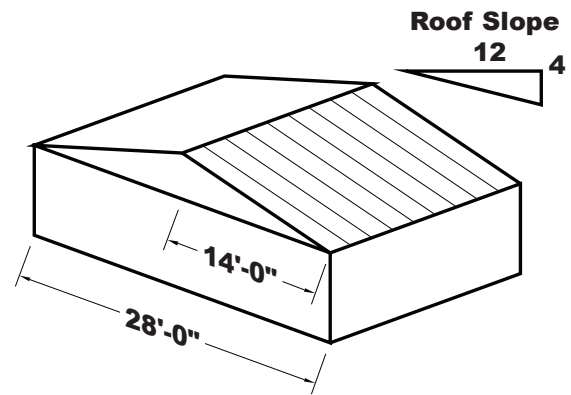
Metal Roof Panel Estimating

SLOPE	SLOPE FACTOR	HIP / VALLEY MULTIPLIER	SLOPE	SLOPE FACTOR	HIP / VALLEY MULTIPLIER
1:12	1.0035	1.4167	7:12	1.1577	1.5298
2:12	1.0136	1.4240	8:12	1.2019	1.5635
3:12	1.0308	1.4362	9:12	1.2500	1.6008
4:12	1.0541	1.4530	10:12	1.3017	1.6415
5:12	1.0833	1.4743	11:12	1.3566	1.6853
6:12	1.1180	1.5000	12:12	1.4142	1.7320

Example #1 - Determining Sloped Panel Lengths



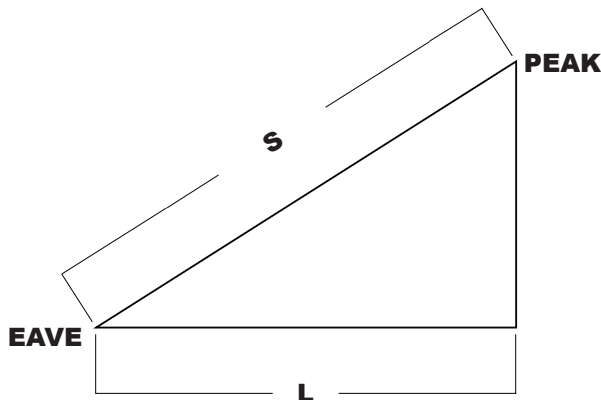
Your building is 28'-0" wide with a 4:12 Roof Slope
To determine the sloped panel lengths for each side:



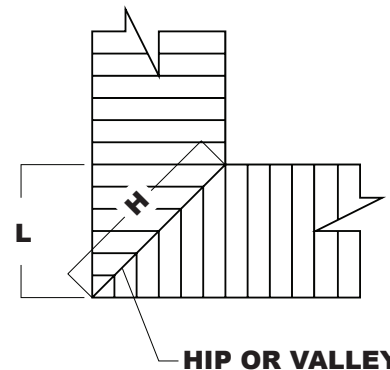
$$\text{FLAT PANEL LENGTH (L) x SLOPE FACTOR} = \text{SLOPED PANEL LENGTH (S)}$$

$$14\text{'-0"} \times 1.0541 \text{ (4:12 slope)} = 14.7574\text{' or } 14\text{'-9"}$$

Example #2 - Determining Hip or Valley Length



$$(L) \times (\text{SLOPE FACTOR}) = S$$



$$(L) \times (\text{HIP / VALLEY MULTIPLIER}) = H$$