

# Roof pitch conversion chart

| Pitch  | Degrees | Percent | 1 in n | Slope factor |
|--------|---------|---------|--------|--------------|
| 0.5:12 | 2.39°   | 4.2%    | 24     | 1            |
| 1:12   | 4.76°   | 8.3%    | 12     | 1            |
| 1.5:12 | 7.13°   | 12.5%   | 8      | 1.01         |
| 2:12   | 9.46°   | 16.7%   | 6      | 1.01         |
| 2.5:12 | 11.77°  | 20.8%   | 4.8    | 1.02         |
| 3:12   | 14.04°  | 25.0%   | 4      | 1.03         |
| 3.5:12 | 16.26°  | 29.2%   | 3.43   | 1.04         |
| 4:12   | 18.43°  | 33.3%   | 3      | 1.05         |
| 4.5:12 | 20.56°  | 37.5%   | 2.67   | 1.07         |
| 5:12   | 22.62°  | 41.7%   | 2.4    | 1.08         |
| 5.5:12 | 24.62°  | 45.8%   | 2.18   | 1.1          |
| 6:12   | 26.57°  | 50.0%   | 2      | 1.12         |
| 7:12   | 30.26°  | 58.3%   | 1.71   | 1.16         |
| 8:12   | 33.69°  | 66.7%   | 1.5    | 1.2          |
| 9:12   | 36.87°  | 75.0%   | 1.33   | 1.25         |
| 10:12  | 39.81°  | 83.3%   | 1.2    | 1.3          |
| 11:12  | 42.51°  | 91.7%   | 1.09   | 1.36         |
| 12:12  | 45.00°  | 100.0%  | 1      | 1.41         |
| 13:12  | 47.29°  | 108.3%  | 0.92   | 1.47         |
| 14:12  | 49.40°  | 116.7%  | 0.86   | 1.54         |
| 15:12  | 51.34°  | 125.0%  | 0.8    | 1.6          |
| 16:12  | 53.13°  | 133.3%  | 0.75   | 1.67         |
| 17:12  | 54.78°  | 141.7%  | 0.71   | 1.73         |
| 18:12  | 56.31°  | 150.0%  | 0.67   | 1.8          |

## Notes