

Diagonal chart for squaring a frame

To the nearest sixteenth. When the frame is square, both diagonals read this number.

Deck, shed and slab frames

Frame	Diagonal
8 × 8 ft	11' 3 3/4"
8 × 10 ft	12' 9 11/16"
8 × 12 ft	14' 5 1/16"
10 × 10 ft	14' 1 11/16"
10 × 12 ft	15' 7 7/16"
10 × 16 ft	18' 10 7/16"
12 × 12 ft	16' 11 5/8"
12 × 16 ft	20'
12 × 20 ft	23' 3 7/8"
14 × 20 ft	24' 4 15/16"
16 × 16 ft	22' 7 9/16"
16 × 20 ft	25' 7 3/8"
20 × 20 ft	28' 3 7/16"

The 3-4-5 rule

Mark along each side	Diagonal
3 ft and 4 ft	5'
6 ft and 8 ft	10'
9 ft and 12 ft	15'
12 ft and 16 ft	20'
15 ft and 20 ft	25'