Needlepoint mesh size cheat sheet

Plain arithmetic for tent stitch charts: stitches per inch equal the mesh count.
Updated October 12, 2026. From threaded.diy/guides/needlepoint-mesh-size-chart

Mesh	Stitches per inch	Stitches per sq inch	Stitches in 5 x 7 in	Stitches in 8 x 10 in	In. per 100 stitches
10	10	100	50 x 70 = 3,500	80 x 100 = 8,000	10.00
12	12	144	60 x 84 = 5,040	96 x 120 = 11,520	8.33
13	13	169	65 x 91 = 5,915	104 x 130 = 13,520	7.69
14	14	196	70 x 98 = 6,860	112 x 140 = 15,680	7.14
16	16	256	80 x 112 = 8,960	128 x 160 = 20,480	6.25
18	18	324	90 x 126 = 11,340	144 x 180 = 25,920	5.56
24	24	576	120 x 168 = 20,160	192 x 240 = 46,080	4.17

How to use it

- Finished width in inches x mesh count = stitches wide. Same for height.
- Stitches wide / mesh count = inches wide. A 13 mesh canvas fits 13 stitches per inch.
- Higher mesh means smaller stitches and more of them for the same finished size.
- Mixed tools, pre-printed canvases and stitch types can change what you need. Check your canvas.
- Try it with your own numbers: threaded.diy/needlepoint-canvas-size-calculator