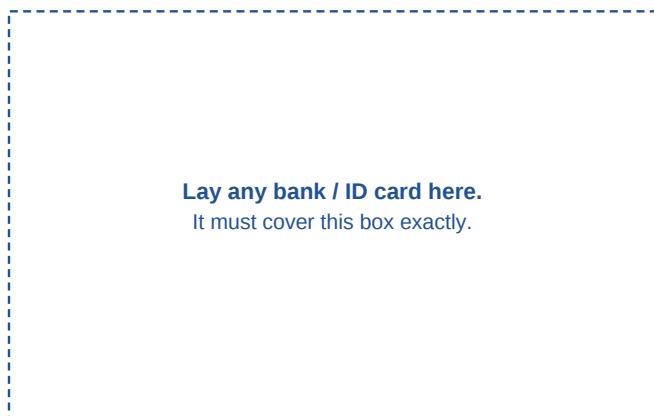


TABLET SIZE TEMPLATE

Page 1 of 4 - Printer check + cut-out ruler

STEP 1 - Verify your printer

Print at 100% / Actual Size. Turn OFF "Fit to page" and "Shrink oversized pages".
Then check BOTH marks below. If either is off, every reading will be wrong.



ISO/IEC 7810 ID-1 - 85.60 x 53.98 mm

Why a card?

Every payment and ID card on earth is cut to the same ISO standard, so it is a ruler you already own. If the card overhangs the box, your printer shrank the page - reprint with scaling set to 100%, not "Fit".

6.000 inches

150.0 mm

Check these with a ruler you trust. Out by more than 1 mm over their full length? Reprint.

STEP 2 - Cut out the ruler

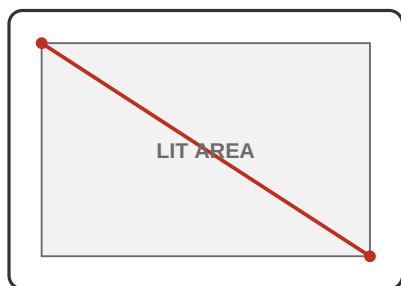
Cut both strips along the dashed lines. Slide strip B over strip A until the 6.5 in and 7 in marks coincide, then tape. That gives one straight 13.5 in / 34 cm ruler.



STRIP B - lay its 6.5-7 in section exactly over strip A's, then tape



What counts as "the screen"



measure THIS diagonal

The number on the box - 7, 8, 10, 11, 12, 13 in - is the diagonal of the lit area only. The black border around it (the bezel) is not part of it, and neither is the aluminium body.

So: switch the screen on, show a plain white image, and measure corner to corner across the white. On a rounded-corner display, extend the straight edges until they meet and use that theoretical corner - that is what the manufacturer quotes.

STEP 3 - Take the reading

Lay the ruler flat on the glass, red edge to the lit area, 0 on one corner, and read the opposite corner.
Sight straight down: at an angle, parallax across 4 mm of cover glass is worth roughly 1/8 in of error.
Awkward to hold corner to corner? Measure width and height separately instead and use page 4.
Then round to the nearest marketed size. Makers round too - a 10.86 in panel is sold as "11-inch".

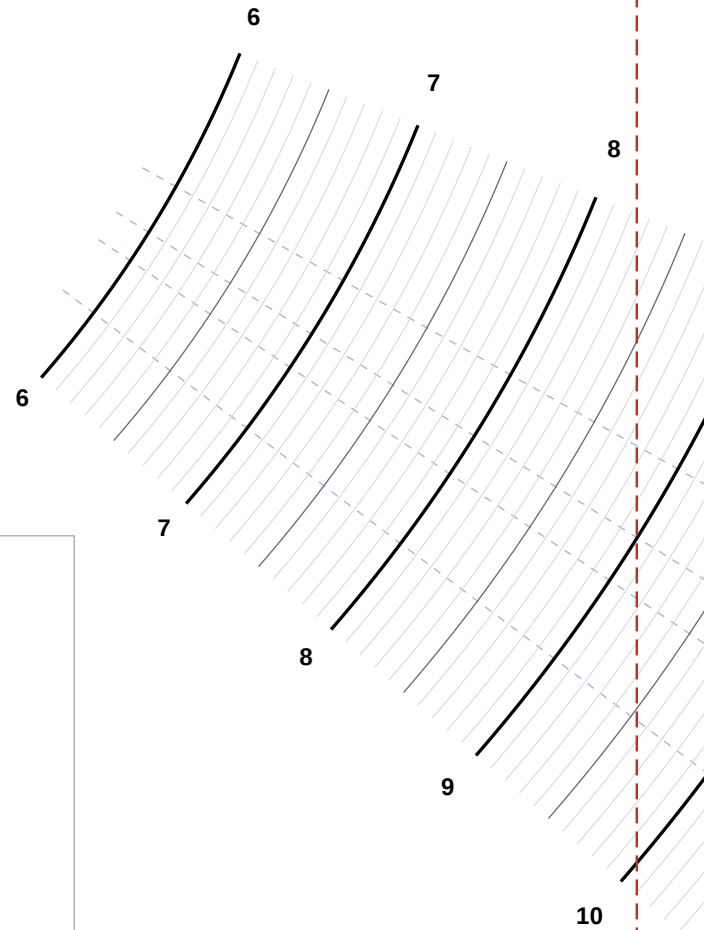
top edge of the tablet goes along here

left edge along here

HOW TO USE THIS GAUGE

1. Tape pages 2 and 3 together first (see the cut line at the right).
2. Lay the tablet FACE UP on the sheet and push it into the red corner: its top edge flat along the horizontal red line, its left edge flat along the vertical red line. The lines run well past the tablet, so you can sight along them to check the tablet is not skewed.
3. Look at the bottom-right corner of the tablet BODY. Whichever arc passes through it is the body diagonal. Heavy arcs = whole inches, light arcs = $\frac{1}{2}$ in, faint arcs = $\frac{1}{10}$ in.
4. That is the BODY, not the screen. Measure one bezel with the page 1 ruler and subtract, using the table on page 3.

The dashed blue ray through the corner gives you the aspect ratio.



CUT ALONG THIS LINE

CHECK RULER - once taped, this scale must run true and unbroken end to end



BODY READING -> SCREEN SIZE

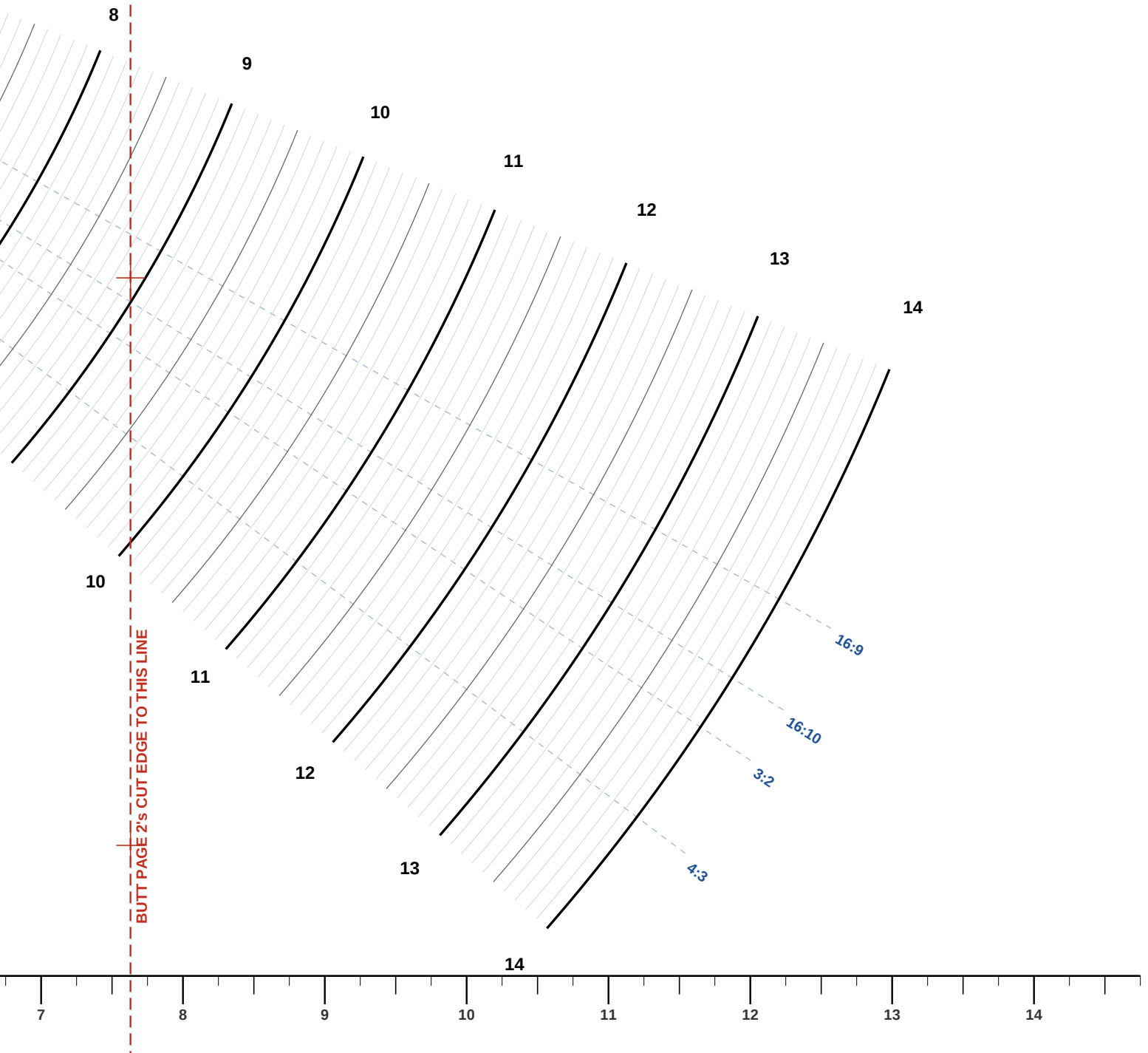
Measure one bezel (glass edge to the lit area) with the page 1 ruler, then subtract:

bezel	subtract	bezel	subtract
0.10 in	-0.28 in	0.30 in	-0.83 in
0.15 in	-0.42 in	0.35 in	-0.97 in
0.20 in	-0.56 in	0.40 in	-1.11 in
0.25 in	-0.70 in	0.50 in	-1.39 in

Example: body corner falls on the 11.4 arc, bezel measures 0.25 in -> $11.4 - 0.70 = 10.7$ in -> an 11-inch tablet.

Assumes equal bezels all round, which is true of nearly every modern tablet. Uneven bezels? Use the page 1 ruler instead.

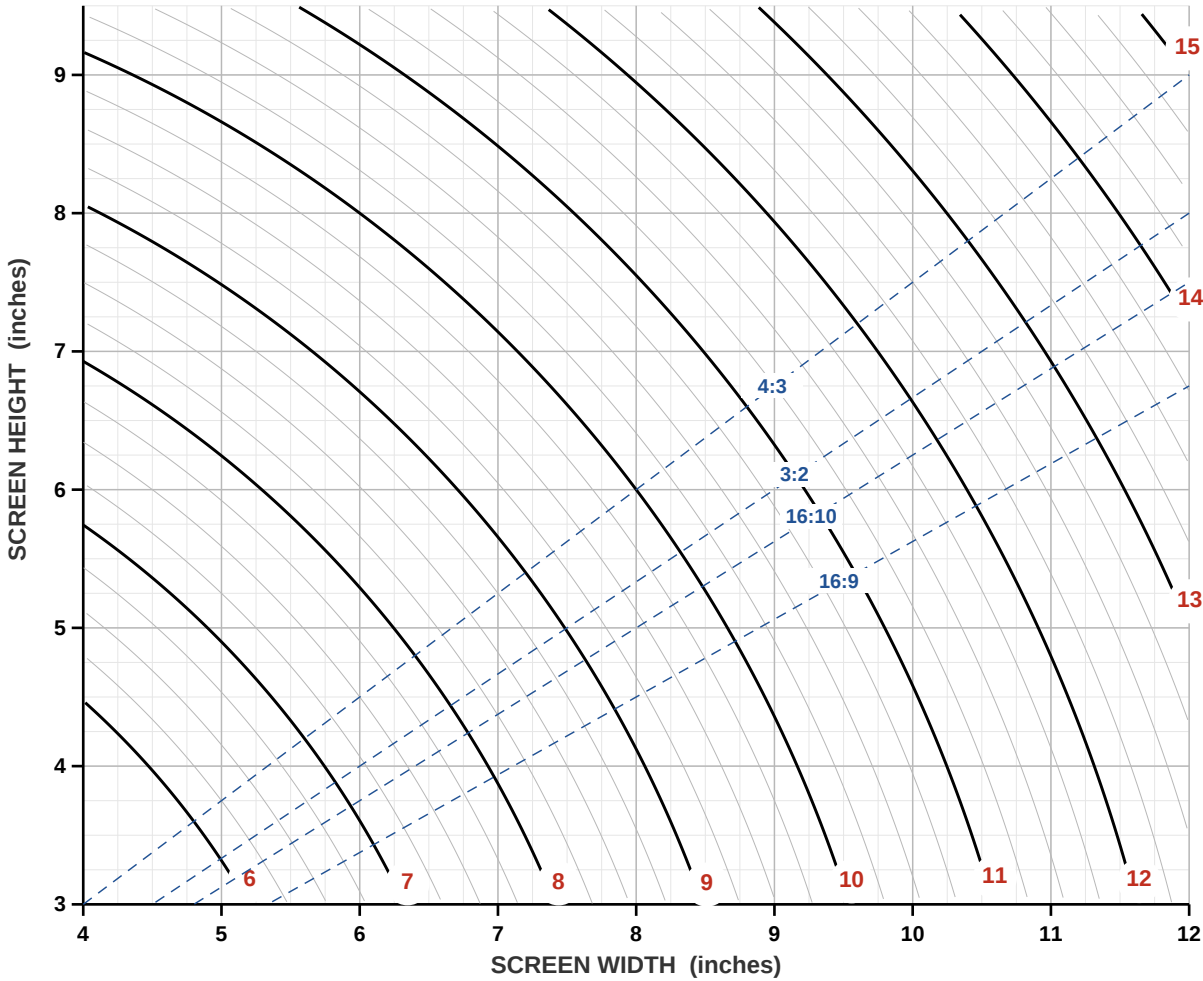
Prefer no arithmetic? Measure the lit area with the page 1 ruler and read page 4 instead.



WIDTH x HEIGHT -> DIAGONAL

Page 4 of 4 - use this if you measured the screen with the cut-out ruler

This chart is not to scale, so printer error cannot affect it. Find your width along the bottom and your height up the side; the curve through that point is your diagonal.



Or just match your numbers to the table

size	16:9 (w x h, in)	16:10 (w x h, in)	3:2 (w x h, in)	4:3 (w x h, in)
7"	6.10 x 3.43	5.94 x 3.71	5.82 x 3.88	5.60 x 4.20
8"	6.97 x 3.92	6.78 x 4.24	6.66 x 4.44	6.40 x 4.80
10"	8.72 x 4.90	8.48 x 5.30	8.32 x 5.55	8.00 x 6.00
11"	9.59 x 5.39	9.33 x 5.83	9.15 x 6.10	8.80 x 6.60
12"	10.46 x 5.88	10.18 x 6.36	9.98 x 6.66	9.60 x 7.20
13"	11.33 x 6.37	11.02 x 6.89	10.82 x 7.21	10.40 x 7.80

No exact match? That is normal.

Marketed sizes are rounded and real panels are odd numbers: 10.86, 11.04, 12.9. Take the nearest listed size. If your reading sits between two, the aspect ratio decides it - check which dashed ray your point sits on.