Kindle E-Reader Drawing: Screen, Bezel, and Button Detail

Ordinary topic reference / separately checked pixels



Kindle E-Reader Drawing: Screen, Bezel, and Button Detail

Original worked example / unchanged complete key

Prompt: Draw a front-facing e-reader with a 10 cm by 14 cm body. Use a 1 cm side bezel, a 2 cm top bezel, and a 2.5 cm bottom bezel. Inside the bezel opening, leave a 0.5 cm margin for the screen. Place two buttons centered in the bottom bezel, each 1 cm wide and 0.5 cm tall, with a 1 cm gap, starting 0.8 cm below the screen.

Answer: Outer rectangle: 10 cm by 14 cm. Side bezels: 1 cm each, so bezel opening width is 8 cm. Top bezel 2 cm and bottom bezel 2.5 cm, so opening height is 9.5 cm. Screen: 0.5 cm margin on all sides, so screen is 7 cm by 8.5 cm. Button group width: 1 plus 1 plus 1 equals 3 cm. Centered under the 7 cm screen, the group starts 2 cm from the screen's left edge (7 minus 3 equals 4; half is 2). Buttons sit 0.8 cm below the screen, leaving 1.2 cm to the bottom (2.5 minus 0.8 minus 0.5 equals 1.2). Draw two 1 cm by 0.5 cm rounded rectangles with a 1 cm gap, centered.