Draw the Letter T: Block and Serif Stroke Order

Original tasks 1, 2, 3 / complete keys

Task 1

Draw a block T with x-height 30 mm and width 24 mm. Use the stroke order from the lesson. State your centring tolerance.

Answer: A block T with a 30 mm stem from baseline to midline, a 24 mm top stroke, and the stem meeting the top stroke at 12 mm from each end within your stated tolerance (for example 1 mm, hypothetical).

Reason: The top stroke is drawn first so its centre can be found. The stem is then drawn from that centre to the baseline. Width and height are checked against the stated values.

Check: Measure stem height (30 mm), top stroke width (24 mm), and left and right distances from the stem to the ends of the top stroke (each about 12 mm within tolerance).

Task 2

Draw a serif T with x-height 25 mm, width 25 mm, and serif length 4 mm (hypothetical). Add serifs at both ends of the top stroke and at the bottom of the stem.

Answer: A serif T with a 25 mm stem, 25 mm top stroke, two 4 mm downward serifs at the top ends, and a centred bottom serif extending about 2 mm on each side of the stem (hypothetical example).

Reason: Main strokes are drawn first to fix height and width. Serifs are added afterwards and measured against the stated serif length. Symmetry is checked left to right.

Check: Measure stem height (25 mm), top stroke width (25 mm), each top serif (4 mm), and the bottom serif extension on each side (about 2 mm within tolerance).

Task 3

A student draws a block T with a 20 mm stem but the top stroke is 28 mm and the stem meets it 8 mm from the left end. Identify the errors and state corrections using a stated width of 20 mm.

Answer: The top stroke is too wide (28 mm instead of 20 mm) and the stem is off-centre (8 mm from left instead of 10 mm). Correct by marking a 20 mm top stroke and placing the stem at its centre (10 mm from each end).

Reason: The stated width is the reference. Centring means equal distances from the stem to each end of the top stroke. Both errors are measurable with a ruler.

Check: Measure the top stroke (should be 20 mm) and the left and right distances from the stem (each should be about 10 mm within tolerance).

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Original tasks 4 / complete keys

Task 4

Draw a serif T with x-height 18 mm and width 18 mm. Use serif length 3 mm (hypothetical). Then draw a second serif T with the same height but width 22 mm. State which convention values changed and check both drawings.

Answer: Two serif Ts: first with 18 mm height, 18 mm width, 3 mm serifs; second with 18 mm height, 22 mm width, 3 mm serifs. The width changed from 18 mm to 22 mm; height and serif length stayed the same.

Reason: Changing width while keeping height and serif length constant isolates one variable. Each drawing is checked against its own stated values.

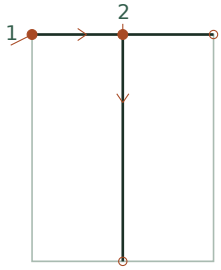
Check: For each drawing, measure stem height (18 mm), top stroke width (18 mm or 22 mm), and serif lengths (3 mm). Confirm the stem is centred in each top stroke within your stated tolerance.

Draw the Letter T: Block and Serif Stroke Order

Task 1 / ordered drawing key

Follow this lesson pen order / print scale 1 / dimensions describe the original drawing

24 mm top / 30 mm stem



T / frame 24 x 30 mm

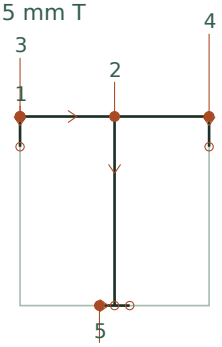
Numbers mark the pen order. Solid starts; open unshared ends. Joined parts can share a start or stop.

Draw the Letter T: Block and Serif Stroke Order

Task 2 / ordered drawing key

Follow this lesson pen order / print scale 1 / dimensions describe the original drawing

25 mm T



Serif T / frame 25 x 25 mm

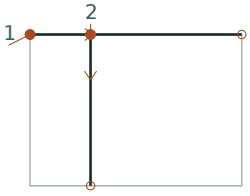
Top serifs: 4 mm down; bottom serif: 4 mm total. Numbers show order; solid starts, open ends.

Draw the Letter T: Block and Serif Stroke Order

Task 3 / ordered drawing key

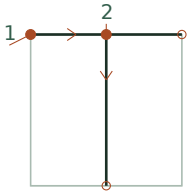
Follow this lesson pen order / print scale 1 / dimensions describe the original drawing

Given error / 28 mm top, stem at 8 mm



T / frame 28 x 20 mm

Corrected / 20 mm top, stem at 10 mm



T / frame 20 x 20 mm

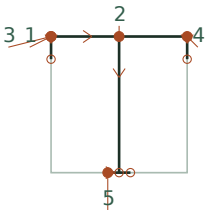
Numbers mark the pen order. Solid starts; open unshared ends. Joined parts can share a start or stop.

Draw the Letter T: Block and Serif Stroke Order

Task 4 / ordered drawing key

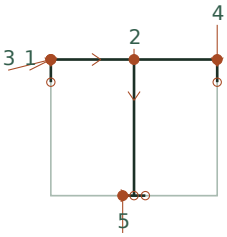
Follow this lesson pen order / print scale 1 / dimensions describe the original drawing

First / 18 mm wide



Serif T / frame 18 x 18 mm

Second / 22 mm wide



Serif T / frame 22 x 18 mm

Numbers mark the pen order. Solid starts; open unshared ends. Joined parts can share a start or stop.

Draw the Letter T: Block and Serif Stroke Order

Source rubric / reflection

- [ ] States chosen x-height, width, and serif length (if used) before drawing.
- [ ] Block T: top stroke is level and matches stated width within a small stated tolerance.
- [ ] Block T: stem is straight, centred on the top stroke, and reaches the baseline.
- [ ] Serif T: main strokes match block T requirements.
- [ ] Serif T: left and right serifs are equal within a small stated tolerance; bottom serif is centred.
- [ ] Guide lines are removed or light; final strokes are clear.
- [ ] Valid alternatives are accepted if the stated convention is followed consistently.

Reflection: What did you check, what did you change, and what will you try next?