Draw Greek Column Orders: Labeled Parts Worksheet

Original tasks 1, 2, 3 / complete keys

Task 1

Draw an Ionic column with a shaft from baseline to midline 9 cm tall (hypothetical). Add two volutes, a thin abacus, a torus and a scotia. Label volute, abacus, shaft, torus and scotia.

Answer: A tapered shaft with two spiral volutes at the capital, a thin abacus above, and a base showing a torus curve and scotia recess, with five labels outside the outline.

Reason: The Ionic order is identified by volutes and a base with torus and scotia; the midline fixes the shaft top so proportions stay consistent.

Check: Verify that both volutes contain a spiral line, the abacus is narrower than the Doric example, and all five labels point to the correct parts without crossing the outline.

Task 2

Draw a Corinthian capital zone above a midline: two rows of leaf shapes and four small volutes. Label acanthus leaves and volutes. Use a capital zone 3 cm tall (hypothetical).

Answer: A capital zone with two rows of simple leaf shapes and four small spiral volutes at the corners, labeled acanthus leaves and volutes.

Reason: The Corinthian capital is distinguished by acanthus leaves and small volutes; keeping the zone height fixed makes the ornament checkable.

Check: Count two leaf rows and four volutes; confirm labels are outside the zone and leader lines stop at the part edges.

Task 3

Draw three column outlines side by side sharing a baseline and a midline 8 cm above it (hypothetical). Show Doric with no separate base, Ionic with volutes, and Corinthian with leaves. Label the three orders.

Answer: Three aligned outlines: Doric meeting the ground line directly, Ionic with two volutes, Corinthian with leaf rows, each labeled with its order name.

Reason: Sharing baseline and midline lets you compare capital and base anatomy across orders without perspective.

Check: Check that all three shafts start at the baseline and end at the midline, and that each order label matches its distinctive feature.

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Original tasks 4 / complete keys

Task 4

Redraw the Doric column from the worked example but change the abacus to 5 cm wide and 1.2 cm tall (hypothetical). Keep the shaft taper at 1 cm total. Label abacus, echinus, shaft and flutes.

Answer: A Doric column with a wider, slightly taller abacus, the same tapered shaft and six flutes, with four labels outside the outline.

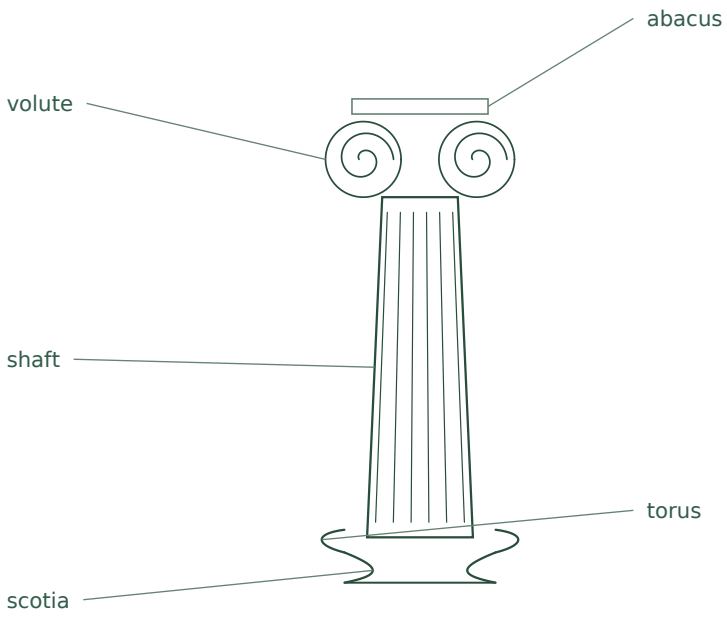
Reason: Changing only the abacus dimensions tests whether you can apply the convention while keeping the shaft and labels consistent.

Check: Measure the abacus against your stated hypothetical values, confirm the taper is unchanged, and verify all four labels point to the correct parts.

Draw Greek Column Orders: Labeled Parts Worksheet

Task 1 / answers

Column-order study / source shaft baseline and top datum / labelled cm print 1:2

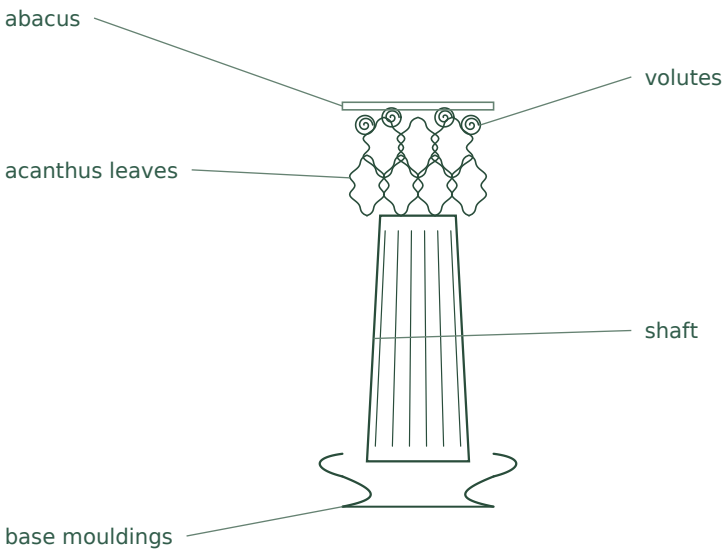


Ionic shaft 9 cm, two 2 cm diameter volute circles, torus and scotia. All small widths/details not specified by the question are declared selected drawing choices. Labels and leaders belong outside the form.

Draw Greek Column Orders: Labeled Parts Worksheet

Task 2 / answers

Column-order study / source shaft baseline and top datum / labelled cm print 1:2

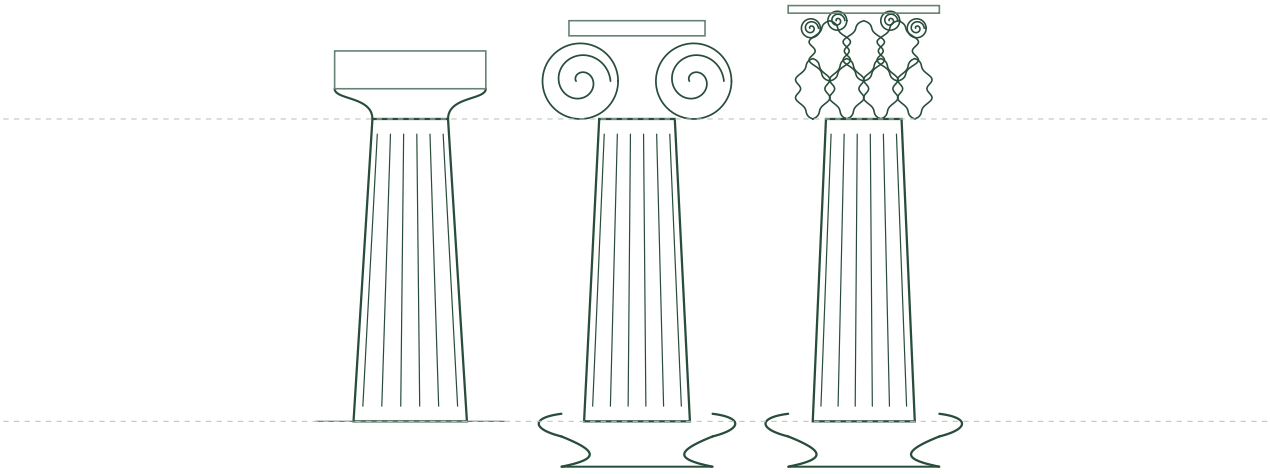


The Corinthian CAPITAL zone is exactly 3 cm tall; the 6.5 cm shaft is a chosen context, not a task given. Two leaf rows and four small volutes are visible. All small widths/details not specified by the question are declared selected drawing choices. Labels and leaders belong outside the form.

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Task 3 / answers

Column-order study / source shaft baseline and top datum / labelled cm print 1:2



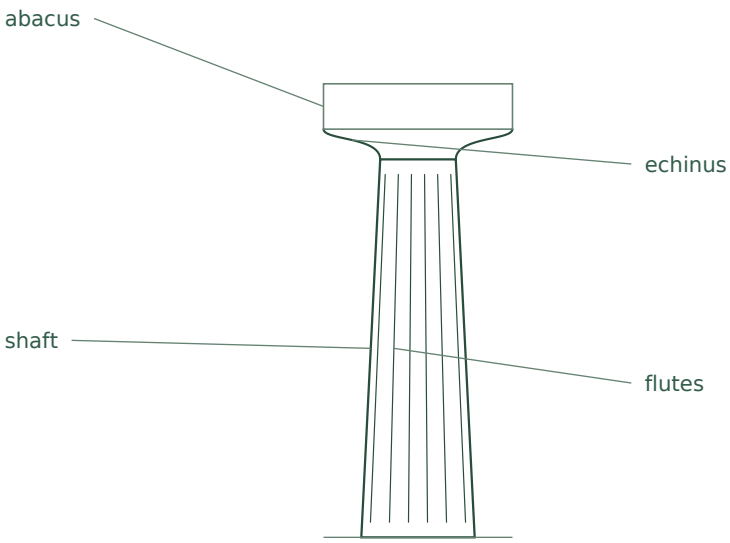
Doric Ionic Corinthian

All three SHAFT heights are 8 cm between the shared baseline and midline. Doric meets its ground directly; Ionic and Corinthian base zones lie below the shared SHAFT datum. Volutes, leaves and separate bases distinguish the selected outlines; no mandatory taller-Ionic claim is made.

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Task 4 / answers

Column-order study / source shaft baseline and top datum / labelled cm print 1:2



Doric worked shaft 10 cm / total taper 1 cm / abacus 5 x 1.2 cm. All small widths/details not specified by the question are declared selected drawing choices. Labels and leaders belong outside the form.

Draw Greek Column Orders: Labeled Parts Worksheet

Source rubric / reflection

- [ ] Baseline and midline are drawn and shared across columns.
- [ ] Each column has a capital, shaft and base or ground line as appropriate.
- [ ] Doric, Ionic and Corinthian features are distinguishable.
- [ ] Labels are legible and placed outside the drawing with leader lines.
- [ ] Valid alternatives in letter style and minor proportions are accepted.

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