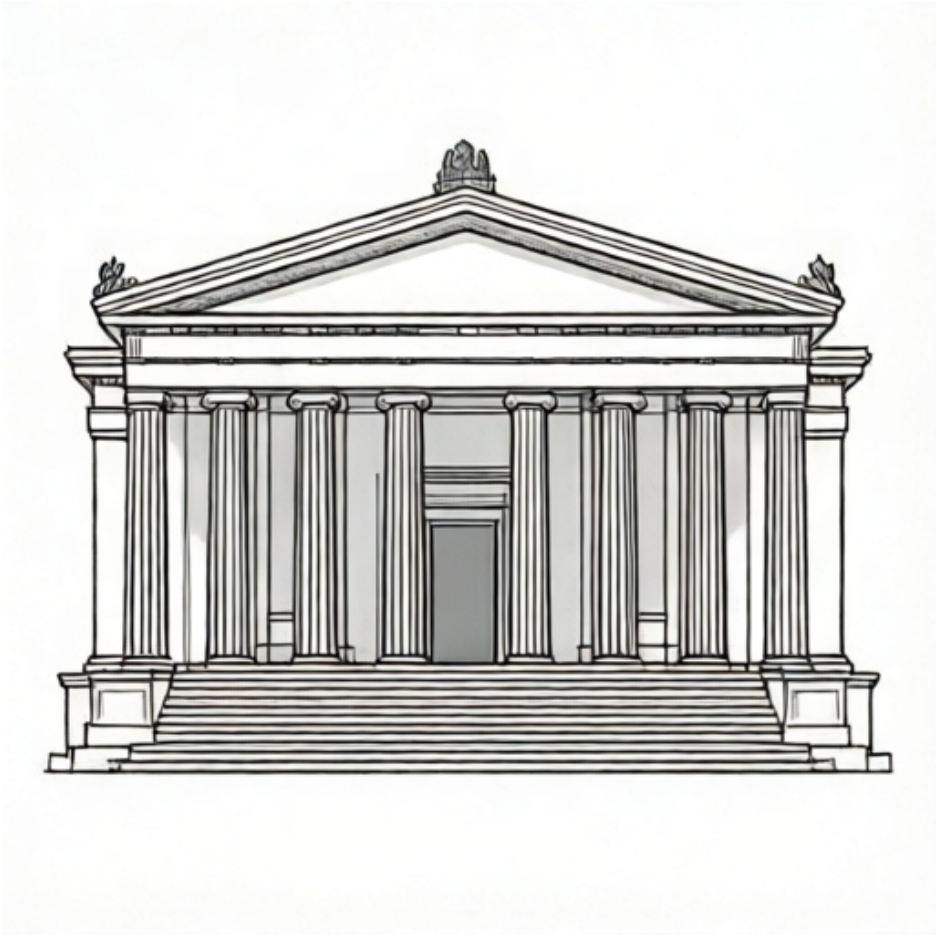
Draw a Classical Museum Facade: Portico, Columns, and Steps

Ordinary topic reference / separately checked pixels



Draw a Classical Museum Facade: Portico, Columns, and Steps

Original worked example / unchanged complete key

Prompt: A student draws a facade 20 cm wide with six columns. The five gaps between column centers are each 3.2 cm, leaving 2 cm margins at each end. The portico roof is 9 cm above the baseline, and three step tiers are each 1 cm high. Check the total width and step height.

Answer: Column span: 5 gaps × 3.2 cm = 16 cm. Add two margins: 16 + 2 + 2 = 20 cm, matching the facade width. Step height total: 3 tiers × 1 cm = 3 cm. The layout is consistent and centered if the midline passes through the middle column gap.