Facade Symmetry Drawing: Axis and Paired Features

Original tasks 1, 2 / independent work

Task 1

A facade outline is 16 cm wide and 12 cm tall, centered on an axis. Place one pair of windows with centers 4 cm from the axis and 8 cm above the bottom. Place one pair of columns with centers 7 cm from the axis and 1 cm above the bottom. State the left and right positions and check the symmetry.

Task 2

A facade outline is 24 cm wide and 18 cm tall, centered on an axis. Place two window pairs: pair A centers 5 cm from the axis at height 12 cm; pair B centers 9 cm from the axis at height 6 cm. Place one centered door whose midpoint is on the axis at height 0 cm. Describe the marks and explain how you would check the result.

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Original tasks 3, 4 / independent work

Task 3

A facade outline is 30 cm wide and 20 cm tall, centered on an axis. Place three column pairs with centers 4 cm, 8 cm, and 12 cm from the axis, all at height 2 cm. Place one window pair with centers 6 cm from the axis at height 14 cm. State the positions and identify one possible valid alternative that still follows a clear pairing rule.

Task 4

A facade outline is 18 cm wide and 14 cm tall, centered on an axis. Place one window pair with centers 3 cm from the axis at height 9 cm. Place one column pair with centers 6 cm from the axis at height 1 cm. Add a centered decorative circle whose midpoint is on the axis at height 12 cm. Describe the layout and give a check method using a simple distance table.