Arcade Cabinet Front Elevation: A Drawing Guide

Original tasks 1, 2, 3, 4 / complete keys

Task 1

A cabinet is 200 units tall. Zones are marquee 35, screen 80, control panel 30 and lower body 55. Do the zones sum to the total?

Answer: 35 + 80 + 30 + 55 = 200, so yes.

Reason: Add the four zone heights and compare with the total height.

Check: Re-add in a different order: 55 + 30 + 80 + 35 = 200.

Task 2

A screen is 40 units wide and centred in a cabinet 90 units wide. What is each side margin?

Answer: Each side margin is 25 units.

Reason: Subtract screen width from cabinet width: 90 - 40 = 50. Divide by two: 50 / 2 = 25.

Check: Add margins and screen width: 25 + 40 + 25 = 90.

Task 3

A control panel band is 18 units tall and its lip is 4 units tall. If the band starts 120 units from the bottom, where does the lip end?

Answer: The lip ends 142 units from the bottom.

Reason: Add band height and lip height to the start: 120 + 18 + 4 = 142.

Check: Subtract back: 142 - 4 - 18 = 120.

Task 4

A coin door is 12 units wide and centred in a lower body 60 units wide. What are the side margins, and what is the total width used?

Answer: Each margin is 24 units, and the total width used is 60 units.

Reason: 60 - 12 = 48; 48 / 2 = 24. Then 24 + 12 + 24 = 60.

Check: Multiply one margin by two and add the door width: 24 x 2 + 12 = 60.

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Source rubric / reflection

- [ ] Outer silhouette is closed and proportions match chosen values.
- [ ] Zone heights sum to the total height.
- [ ] Marquee, screen, control panel and coin door are labelled and placed correctly.
- [ ] Screen is centred within measured margins.
- [ ] Line weight separates outer silhouette from internal details.
- [ ] Labels are legible and do not overlap the drawing.

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