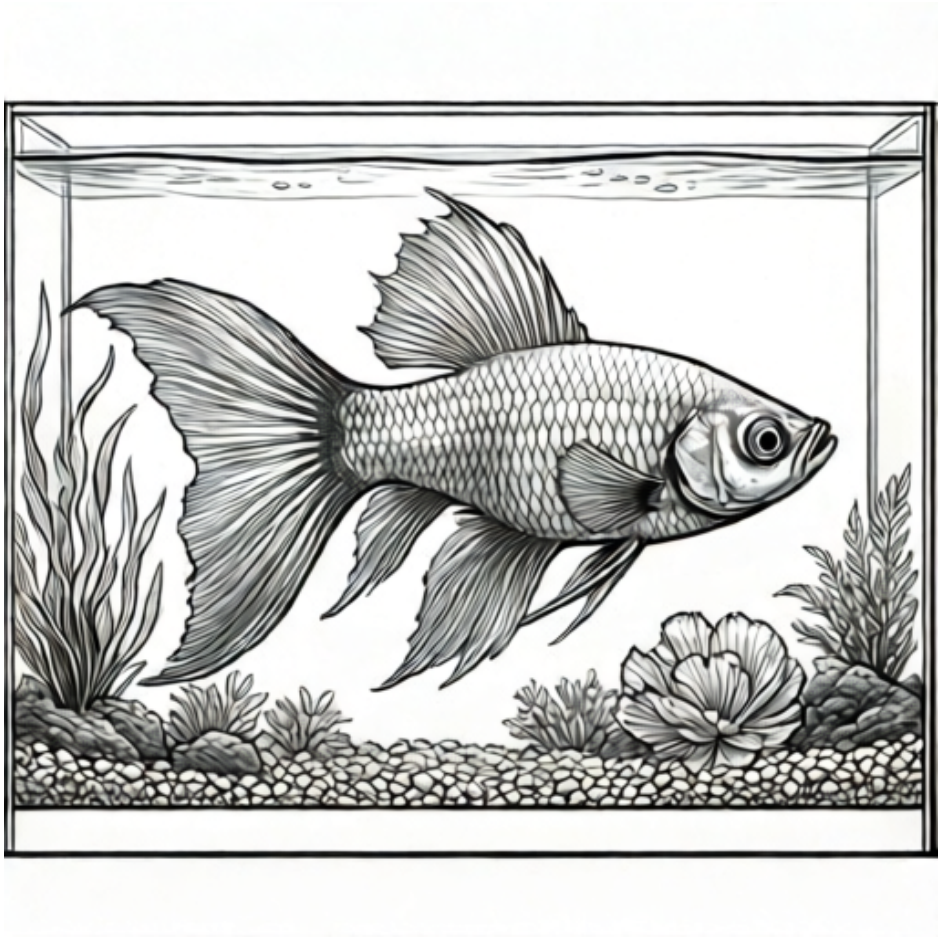
Draw an Aquarium Fish: Body, Fins, and Tank Context

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Draw an Aquarium Fish: Body, Fins, and Tank Context

Worked example / complete source key

On a 20 cm wide sheet, draw a side-view aquarium fish with a 12 cm body length and 5 cm body depth, then add a tank boundary with margin. Describe the construction and the final check.

Answer: Draw a 12 cm baseline and mark its midpoint. Draw a vertical midline through the midpoint and mark 2.5 cm above and below the baseline for the body depth. Sketch a closed body from nose to tail base, reaching the midline at top and bottom. Mark the dorsal root on the top rear third, the caudal root at the tail base, the anal root on the lower rear third, and the pectoral root behind the gill area. Draw each fin outward from its root, with the caudal fin about 3 to 4 cm long as a hypothetical proportion. Draw a light tank boundary around the fish with at least 2 cm margin, add a waterline near the top and a substrate line near the bottom, and place one plant shape at the side. Final check: body balanced above and below the baseline, all fin roots attached, tank lines lighter than the fish outline.