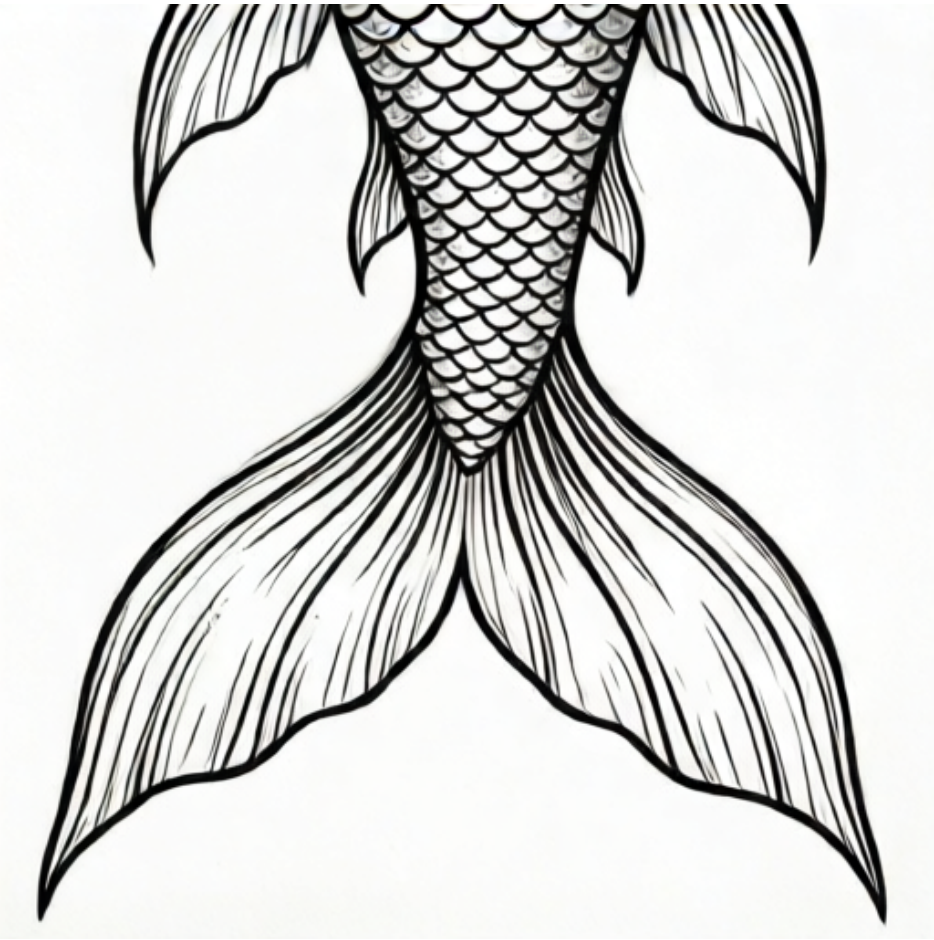
Draw Overlapping Mermaid Tail Scale Rows on a Curved Form

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 Overlapping Mermaid Tail Scale Rows on a Curved Form

Worked example / complete source key

A tail outline is 12 cm long at the centerline. You plan four rows. Hypothetical scale height is 1 cm and overlap is 0.3 cm. How much vertical space do four rows occupy along the centerline, and where should the fourth row line start relative to the first?

Answer: Each new row advances by scale height minus overlap: 1 cm minus 0.3 cm equals 0.7 cm. Four rows advance three times: 3 times 0.7 cm equals 2.1 cm. The fourth row line starts 2.1 cm below the first row line along the centerline. This fits within the 12 cm tail length. These numbers are hypothetical; measure your own drawing.