Rainbow Scale Drawing: Overlapping Rows with a Hue Gradient

Original tasks 1, 2 / independent work

Task 1

A pattern has four rows, hue from 0 to 180 degrees, w = 16 mm, h = 10 mm, and d = 7 mm. Find the hue step, list row hues, and state the overlap per row.

Task 2

After five rows with d = 6 mm, what is the cumulative distance from row 1 to row 5? If h = 9 mm, what is the overlap per row?

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Original tasks 3, 4 / independent work

Task 3

A six-row pattern runs from hue 40 to 340 degrees. What is the hue step? If row 3 is at 160 degrees, does that fit the progression?

Task 4

With w = 22 mm and d = 10 mm, where should the second row's first scale start horizontally relative to the first row's first scale? If h = 15 mm, what is the overlap?