Draw Tortilla Chips with a Dip Bowl: Shape Variation and Composition

Original tasks 1, 2 / independent work

Task 1

In a 10 cm wide composition box, a bowl rim ellipse is 5 cm wide and placed 2 cm from the left edge. How much horizontal space remains to the right of the bowl?

Task 2

A shape plate has three spaces each 4 cm wide with 1 cm gaps between them. What is the total width of the shape plate?

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Original tasks 3, 4 / independent work

Task 3

A bowl ellipse is 6 cm wide and 3 cm tall. A second inner ellipse is 4 cm wide and 2 cm tall, centered inside the rim. How much horizontal margin exists on each side between the inner and outer ellipses?

Task 4

You plan five chips around a bowl: two overlapping the rim, one leaning on the side, and two on the table line. If each chip needs about 2 cm of clear space and the table line is 12 cm long, is the plan feasible? Explain with arithmetic.