Draw a Realistic Ocean Wave: Crest, Foam and Curl Construction

Original tasks 1, 2 / independent work

Task 1

A wave is drawn on a 20 cm wide area. The crest rises 8 cm. The lip base is 10 mm thick and the tip is 3 mm. What is the taper ratio from base to tip?

Task 2

You place a foam band 12 mm wide at the lip base and a crest line 3 mm wide. The wave face is 60 mm tall. What percentage of the face height is covered by the two foam zones combined?

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Original tasks 3, 4 / independent work

Task 3

A curl axis is 5 cm long. The outside lip edge is 1 cm shorter at the tip and 2 cm longer at the base. What is the total length of the outside lip edge if it follows the axis?

Task 4

You draw three foam patches inside the hollow. Each patch is 4 mm long and 2 mm wide. The hollow area is 40 mm by 20 mm. What percentage of the hollow area do the three patches cover?