Athena Simple Drawing: Helmet and Spear Figure Construction

Original tasks 1, 2 / independent work

Task 1

Using a head-height unit of 3 cm, mark eight units on a 24 cm tall frame. Where does the fourth unit fall, and how much space is left below the eighth unit?

Task 2

A spear shaft is drawn 16 cm long on a figure whose shoulder line is 14 cm above the ground line. The spear tip is 2 cm above the shoulder line. Describe where the butt of the spear should be placed relative to the ground line, assuming the shaft is vertical. Treat the 14 cm shoulder height as a hypothetical value independent of the eight-unit guide.

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Original tasks 3, 4 / independent work

Task 3

Draw a helmet dome that adds 1.5 cm above a head oval that is 3 cm tall. The face area is the lower 2 cm of the oval. How much of the oval is covered by the helmet if the brim line is at the top of the face area?

Task 4

A figure is drawn with shoulder width 6 cm and hip width 4.5 cm. The spear is held 1 cm outside the shoulder line. If the frame is 10 cm wide, how much space remains on each side when the figure is centered?