Draw a Head from Sphere, Box and Wedge Masses

Original task 1 / independent drawing and calculation

Task 1

Draw a front-view head using a sphere 8 cm wide, a jaw box 5 cm wide, and a wedge 6 cm long. Label S, B, W and record the two ratios.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Redraw the same masses in three-quarter view. Keep the sphere 8 cm wide and the jaw box 5 cm wide. Describe where the wedge shifts.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Draw a Head from Sphere, Box and Wedge Masses

Original task 3 / independent drawing and calculation

Task 3

A profile drawing shows a sphere 7 cm wide, a jaw box 5 cm wide, and a wedge 4 cm long. The jaw box top edge is 0.5 cm above the cheek line. Identify the error and state a fix.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Draw a Head from Sphere, Box and Wedge Masses

Original task 4 / independent drawing and calculation

Task 4

Create a three-angle set with a sphere 6 cm wide. Choose jaw box width and wedge length, record the ratios, and note one valid alternative you could have used.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.