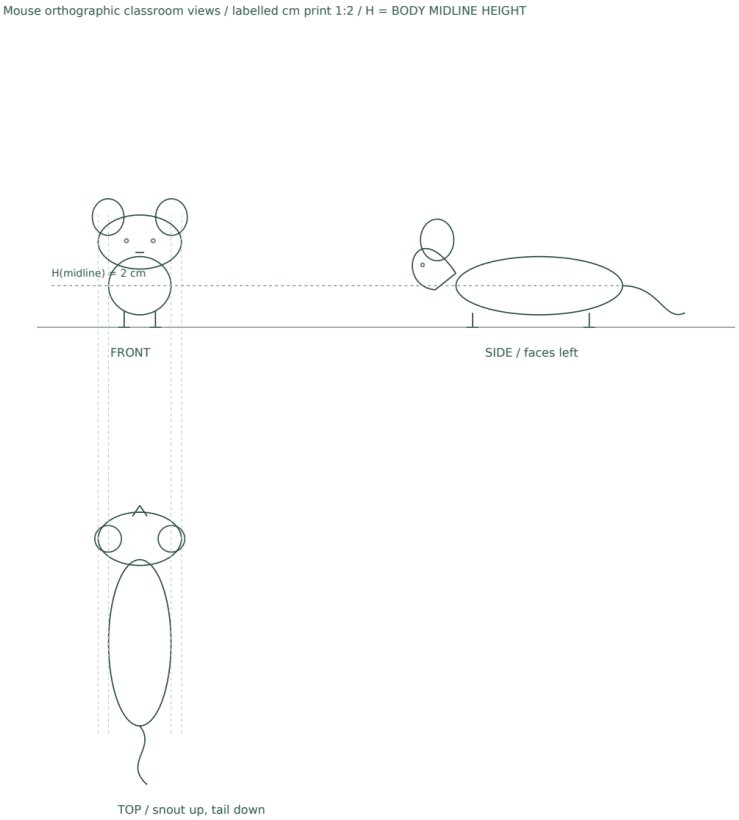
Orthographic Projection of a Mouse: Front, Top, and Side Views

Ordinary topic reference / separately checked pixels



Head width 4 cm and body width 3 cm agree front/top. H = 2 cm is explicitly the body MIDLINE datum, not overall height. Top/side body length 8 cm is a declared chosen example.

Orthographic Projection of a Mouse: Front, Top, and Side Views

Original worked example / unchanged complete key

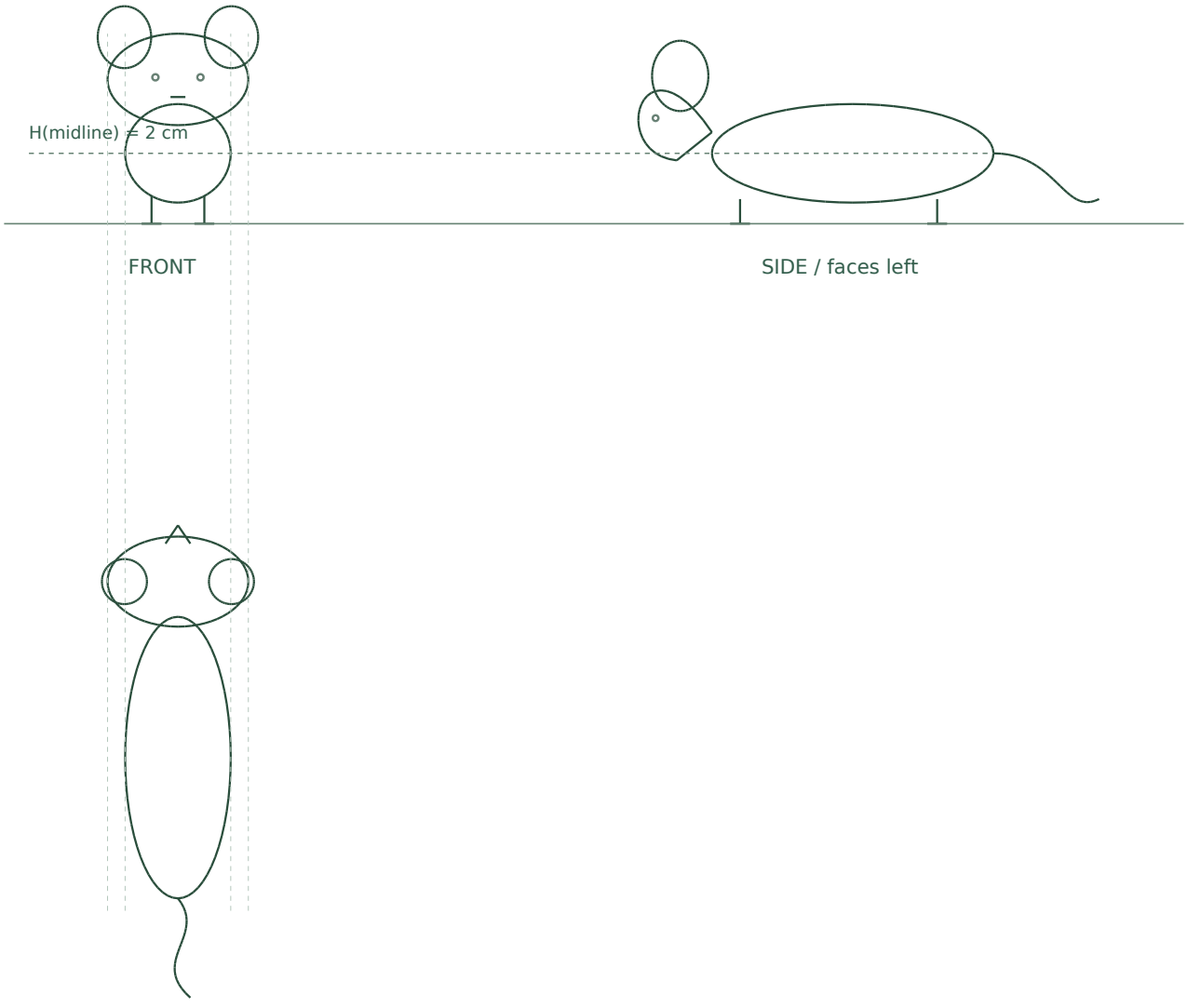
Prompt: A student draws a front view with a head width of 4 cm and a body width of 3 cm. The body midline height is 2 cm above the baseline. In the top view, the student draws a head width of 5 cm and a body width of 3 cm. In the side view, the student draws a body height of 3 cm above the baseline. Identify the errors and state the corrections.

Answer: The top-view head width should be 4 cm, not 5 cm, to match the front view. The side-view body height should be 2 cm, not 3 cm, to match the front view. The top-view body width of 3 cm is correct. After correction, all three views share consistent widths and heights.

Orthographic Projection of a Mouse: Front, Top, and Side Views

Worked reference / reference

Mouse orthographic classroom views / labelled cm print 1:2 / H = BODY MIDLINE HEIGHT



Head width 4 cm and body width 3 cm agree front/top. H = 2 cm is explicitly the body MIDLINE datum, not overall height. Top/side body length 8 cm is a declared chosen example.