Draw a Portrait Upside Down: A Brain-Teaser Exercise

Ordinary topic reference / separately checked pixels



Draw a Portrait Upside Down: A Brain-Teaser Exercise

Original worked example / unchanged complete key

Prompt: A learner places an upside-down portrait reference on a table and a blank frame of the same size beside it. They measure a shoulder segment as 4.0 cm on their print and set a tolerance of plus or minus 0.3 cm. They draw the outer boundary first, then one region at a time, and finally flip both upright. Describe a reasonable check and outcome.

Answer: The learner compares overall height and width first, then measures the shoulder segment on the drawing. If the drawn segment is 4.2 cm, the difference is 0.2 cm, which is within the 0.3 cm tolerance. They record this difference and one qualitative note, such as whether a curve was drawn as one stroke or several. The check is repeatable because the tolerance and units are stated.