Character Face Drawing: Proportion Grid and Expression Variants

Original tasks 1, 2, 3 / complete keys

Task 1

A face has 1H equal to 16 cm. Calculate the height from the top for the eye line, nose line, and mouth line using the lesson fractions.

Answer: Eye line 8 cm, nose line about 10.7 cm (2/3 of 16 cm), mouth line about 13.3 cm (5/6 of 16 cm).

Reason: Multiply 16 cm by 0.5 for the eye line, by 2/3 (about 0.67) for the nose line, and by 5/6 (about 0.83) for the mouth line, then round to one decimal place.

Check: Add the distances back: 8 cm to the eye line, then about 2.7 cm to the nose line, then about 2.6 cm to the mouth line, totaling about 13.3 cm, leaving about 2.7 cm to the chin. The rounded values differ slightly from exact thirds (about 2.67 cm per band); measure your drawing and compare with the calculated positions.

Task 2

A student places the eyes 3 cm apart and each eye is 2 cm wide. Using the one-eye-width gap convention, what is the total width from the outer edge of the left eye to the outer edge of the right eye?

Answer: 6 cm.

Reason: Left eye 2 cm + gap 2 cm + right eye 2 cm = 6 cm from outer edge to outer edge.

Check: Measure the drawn distance from the outer edge of the left eye to the outer edge of the right eye with a ruler and compare with 6 cm.

Task 3

Describe how to change a neutral face into a surprised face using the grid, and state one feature that must stay fixed.

Answer: Raise the brows above the brow line, widen the eyes slightly, and open the mouth into a small oval on the mouth line; the nose tip stays on the nose line.

Reason: Surprise is carried by raised brows, wider eyes, and an open mouth, while the nose anchor keeps the character consistent.

Check: Compare the two drawings and confirm at least two features changed and the nose position matches.

Character Face Drawing: Proportion Grid and Expression Variants

Original tasks 4 / complete keys

Task 4

A worried variant angles the inner brow ends upward and curves the mouth downward. If the mouth line is at 8.3 cm from the top on a 10 cm face, what is the distance from the mouth line to the chin?

Answer: 1.7 cm.

Reason: Subtract 8.3 cm from 10 cm to find the remaining distance to the bottom of the oval.

Check: Measure the drawn distance from mouth line to chin and compare with 1.7 cm.

Character Face Drawing: Proportion Grid and Expression Variants

Source rubric / reflection

- [ ] Grid includes top, bottom, center line, eye line, brow line, nose line, and mouth line in correct order.
- [ ] Features are placed on the correct landmark lines with left-right symmetry.
- [ ] Three expression variants are present and each changes at least two features while keeping the nose fixed.
- [ ] Labels use the defined x-height convention and are legible.
- [ ] Final drawing is clean after erasing guides, and measurements are recorded and checked.

Reflection: What did you check, what did you change, and what will you try next?