Draw Apollo: Figure, Lyre, Laurel and Drapery

Original tasks 1, 2, 3, 4 / complete keys

Task 1

A standing figure is 20 cm tall. Using eight equal divisions, state the height of one division and the distance from the top to the knee guide at the sixth division.

Answer: One division is 20 ÷ 8 = 2.5 cm. The sixth division is 6 × 2.5 = 15 cm from the top.

Reason: Divide total height by eight, then multiply by the division number counted from the top.

Check: Add the division height eight times to confirm the total is 20 cm.

Task 2

A lyre soundbox is 3 cm tall and the crossbar sits 7 cm above the soundbox base. If the figure’s chin is 9 cm above the same base, is the crossbar below the chin?

Answer: Yes. The crossbar is 7 cm above the base and the chin is 9 cm above it, so the crossbar is 2 cm below the chin.

Reason: Compare the two heights from the same reference point.

Check: Subtract 7 from 9 to get 2 cm, then confirm the crossbar is lower.

Task 3

A laurel wreath has 12 leaves spaced evenly around a band. If the band is drawn as a circle of circumference 24 cm, what is the spacing between leaf centers?

Answer: Spacing is 24 ÷ 12 = 2 cm between leaf centers.

Reason: Even spacing means divide total circumference by the number of leaves.

Check: Multiply 2 cm by 12 to recover 24 cm.

Task 4

Drapery has three folds from a shoulder anchor. Their lengths are 6 cm, 8 cm and 10 cm. What is the average fold length, and does the longest fold exceed the average by 2 cm?

Answer: Average = (6 + 8 + 10) ÷ 3 = 24 ÷ 3 = 8 cm. The longest fold is 10 cm, which exceeds 8 cm by 2 cm, so yes.

Reason: Add the lengths, divide by three, then subtract the average from the longest.

Check: Confirm 6 + 8 + 10 = 24 and 24 ÷ 3 = 8.

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Source rubric / reflection

- [ ] Figure height is divided consistently and the head fits the top division.
- [ ] Shoulders, hips, elbows and wrists are placed with checkable relationships.
- [ ] Lyre axis is parallel to the figure and the hands contact the strings.
- [ ] Laurel follows the skull curve with consistent leaf size.
- [ ] Drapery folds radiate from at least two anchor points.
- [ ] Valid alternative poses and letter styles are accepted if internally consistent.

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