Dragon Ball Drawing Practice: Proportion and Pose Fundamentals

Original tasks 1, 2, 3 / complete keys

Task 1

Draw a 6-head Dragon Ball fighter with a 2 cm head unit. Calculate total height, then draw the figure and label shoulder width as 2 head units.

Answer: Total height = 6 × 2 cm = 12 cm. Shoulder width = 2 × 2 cm = 4 cm. The drawing should show a head oval 2 cm tall, total height 12 cm, and shoulders about 4 cm wide.

Reason: Multiply the ratio by the head unit to get total height. Shoulder width uses the same head unit, so 2 units × 2 cm = 4 cm.

Check: Measure the drawn head height and total height with the same ruler. Divide total by head to confirm 6. Measure shoulder width and confirm about 4 cm.

Task 2

A figure has a 3 cm head unit and total height of 21 cm. The drawn shoulders are 5 cm wide. Is this close to 2 head units? Show the arithmetic.

Answer: 2 head units = 2 × 3 cm = 6 cm. The drawn shoulders are 5 cm, which is 5 ÷ 3 ≈ 1.67 head units. This is slightly narrow; widening to about 6 cm would match 2 head units.

Reason: Convert the target shoulder width to centimeters using the head unit, then compare the drawn width by dividing by the head unit.

Check: Measure head unit and shoulder width with the same ruler. Divide shoulder width by head unit and compare to 2.

Task 3

Describe a dynamic fighting stance in words: line of action, shoulder and hip offset, and limb placement. Then draw it using a 7-head ratio with a 2.5 cm head unit.

Answer: Line of action curves from head to the supporting back foot. Left shoulder is forward, right hip is forward. Front knee is bent, back leg extended. Total height = 7 × 2.5 cm = 17.5 cm. The drawing should show these landmarks and the calculated height.

Reason: The pose is built from joint landmarks and counter-rotation. The ratio sets total height by multiplication.

Check: Check that the line of action is smooth, shoulders and hips are offset, and total height measures about 17.5 cm with a 2.5 cm head unit.

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Original tasks 4 / complete keys

Task 4

Draw a figure with a 4 cm head unit and total height of 24 cm. Measure your drawn shoulder width and hip width, then state whether they are close to 2 and 1.5 head units.

Answer: Total height ÷ head unit = 24 ÷ 4 = 6, so the ratio is 6 heads. Target shoulder width = 2 × 4 = 8 cm; target hip width = 1.5 × 4 = 6 cm. Compare your measured widths to these targets and note any difference.

Reason: The ratio is found by division. Target widths are found by multiplying the head unit by the standard multipliers.

Check: Measure head unit, total height, shoulder width, and hip width with one ruler. Confirm 24 ÷ 4 = 6, then compare widths to 8 cm and 6 cm.

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Source rubric / reflection

- [ ] Head unit is clearly drawn and labeled with a unit of measurement.
- [ ] Total height equals the chosen ratio multiplied by the head unit height.
- [ ] Shoulder and hip widths are measured and compared to head units.
- [ ] Line of action is smooth from head to supporting foot.
- [ ] Shoulders and hips are offset in dynamic poses.
- [ ] Limb segments are roughly equal and measured in the same unit.
- [ ] Facial features follow the baseline-to-midline convention or a noted valid alternative.
- [ ] Work includes a written ratio and unit for checking.

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