Draw a Wrestling Shoe: High-Top, Strap, and Tread

Original tasks 1, 2, 3 / complete keys

Task 1

Using a 12 by 6 unit rectangle, mark the midline and the horizontal strap line. State the strap line position in units below the midline, and state the length of each of the four equal length divisions.

Answer: The strap line is one unit below the midline. Each of the four equal length divisions is 3 units long.

Reason: The convention places the strap one unit below the midline so it crosses the upper opening consistently. A 12-unit length divided into four equal parts gives 3 units per part.

Check: Measure the distance from the midline to the strap line and confirm it equals one unit. Measure each length division and confirm it equals 3 units.

Task 2

A sole zone is the bottom one unit of a 6-unit-high rectangle. If you draw six tread repeats, what is the spacing between repeat centers across a 12-unit length?

Answer: Two units between repeat centers.

Reason: Twelve units divided by six repeats gives two units per repeat interval.

Check: Count six repeats and measure that each interval is two units.

Task 3

Your collar reaches 5 units above the baseline in a 6-unit-high rectangle. Does it meet the midline convention? Explain.

Answer: No. The midline is 6 units above the baseline, so a 5-unit collar is one unit short.

Reason: The convention requires the collar to reach the midline for a high-top silhouette.

Check: Measure collar height against the midline and confirm it equals 6 units.

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Original tasks 4 / complete keys

Task 4

You draw a strap two units below the midline and a tread pattern with uneven spacing. Identify the two convention errors and state the fixes.

Answer: The strap is too low; move it to one unit below the midline. The tread spacing is uneven; redraw evenly spaced repeats inside the sole margin.

Reason: The convention fixes the strap at one unit below the midline and requires even tread spacing inside the sole zone.

Check: Measure the strap line against the one-unit mark and count tread intervals for equal spacing.

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Source rubric / reflection

- [ ] High-top collar reaches the midline within one unit.
- [ ] Ankle strap sits on the horizontal line one unit below the midline and crosses the upper opening.
- [ ] Sole tread repeats are evenly spaced and inside the sole margin.
- [ ] Toe box stays within the front quarter.
- [ ] Drawing excludes feet, legs, and athletes.
- [ ] Valid style alternatives are accepted if the convention checks pass.

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