Pitbull Proportions: Head Width, Chest Depth, and Stance

Original tasks 1, 2 / independent work

Task 1

A learner uses a unit of 2 cm. The head-to-chest span is 8 units. Calculate head width at 1.2 times the span and chest depth at 0.8 times the span. State both answers in units and in centimeters.

Task 2

Chest width is 7 units. Stance width is set at 1.1 times chest width. The learner draws a stance width of 8.4 units. Is the drawing within ten percent of the target? Show the arithmetic.

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Original tasks 3, 4 / independent work

Task 3

A drawing has head width 10 units and head-to-chest span 9 units. The learner intended head width to be 1.2 times the span. By how many units is the head width off, and what percentage of the target is that?

Task 4

A learner measures chest depth as 6 units and head-to-chest span as 10 units. The intended chest-depth ratio is 0.8 times the span. Is the chest too shallow or too deep, and by what percentage of the target?