Leg Proportion Drawing: Thigh, Knee, Calf, Ankle

Ordinary topic reference / current unchanged image



Ordinary topic reference only. The hypothetical numerical exercises and construction landmarks are defined in their own text.

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Original worked example / complete source key

Prompt: Using L = 10 grid squares and ratios thigh 40 percent, knee 10 percent, calf 40 percent, ankle 10 percent, place the four boundary ticks and state the knee-center to ankle-center distance.

Answer: Ticks at 0, 4, 5, 9, and 10 squares. Knee center is at 4.5 squares; ankle center is at 9.5 squares. The vertical knee-center to ankle-center difference is 9.5 - 4.5 = 5 squares. This equals half the knee block (0.5) plus the calf block (4) plus half the ankle block (0.5): 0.5 + 4 + 0.5 = 5.