# Draw a Foot from Ankle to Toe: A Construction Guide

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Construct a foot with total length 10 cm. Mark the ankle, heel, ball, arch peak, and toe line using the ratios from the guide.

Answer: Ankle: small circle above the heel, slightly forward. Heel: rounded wedge at the back, width about 2.5 cm (one-quarter of 10 cm). Baseline: horizontal from heel forward. Ball point: at 6.7 cm from the heel (two-thirds of 10 cm). Arch peak: about 1 cm above the baseline at the midpoint. Toe line: shallow arc extending about 2 cm forward from the ball point, with the big toe at the inner end and smaller toes toward the outer edge. Total length from heel to big toe tip is about 10 cm.

Reason: The ratios are relative: heel-to-ball is two-thirds of total length, ball-to-toe-tip is one-fifth, and arch peak is one-tenth above baseline. Using 10 cm makes the arithmetic simple: 6.7 cm, 2 cm, and 1 cm. The ankle sits above the heel and slightly forward, consistent with the construction sequence.

Check: Measure heel-to-ball (should be about 6.7 cm) and ball-to-toe-tip (about 2 cm). Check arch peak height (about 1 cm). Confirm the toe line is a shallow arc and toes decrease in size toward the outer edge.