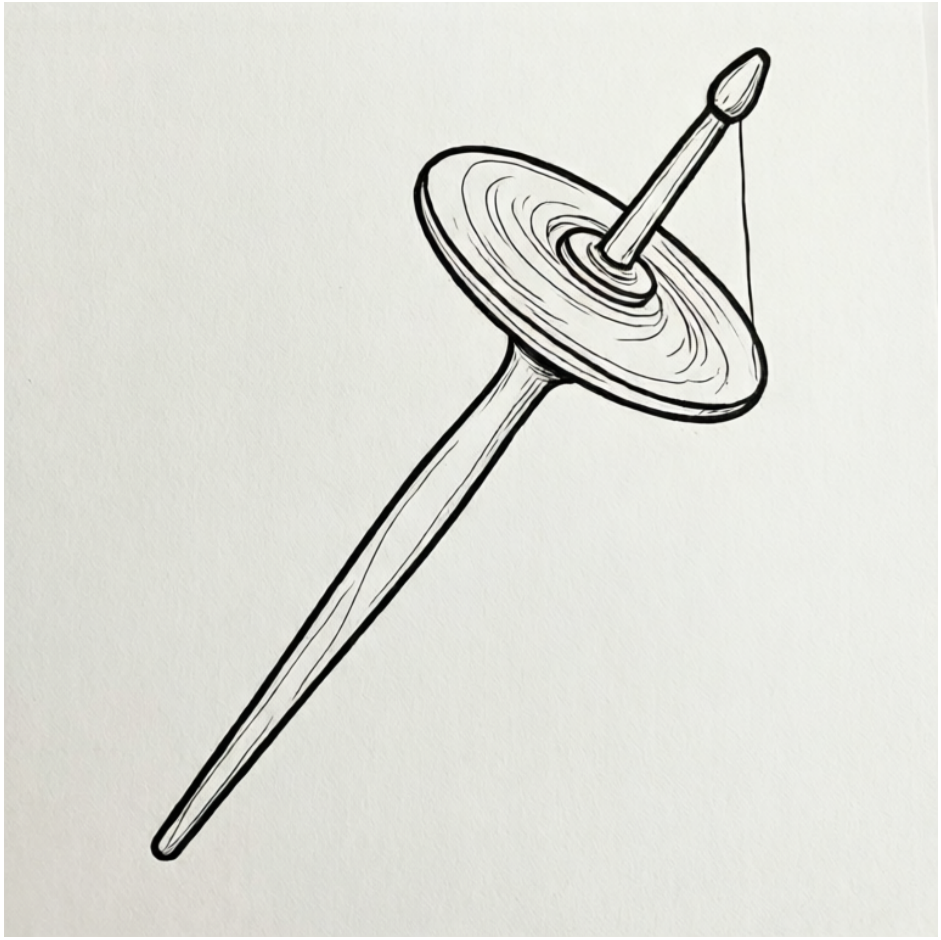
# Spindle Drawing: Shaft Proportions and Whorl Placement

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

# Spindle Drawing: Shaft Proportions and Whorl Placement

Worked example / complete source key

Draw a spindle with shaft length 20 cm, whorl center at 0.35 SL from the bottom tip, and whorl diameter 0.20 SL. Compute the center height, diameter, and radius, then describe the construction.

Answer: Center height = 0.35 times 20 = 7 cm from the bottom tip. Diameter = 0.20 times 20 = 4 cm. Radius = 2 cm. Construction: draw a 20 cm vertical shaft, divide into twenty 1 cm parts, mark 7 cm up for the whorl center, draw a horizontal line through that mark, measure 2 cm each side, and sketch a thin disc of even thickness. Check: 7 divided by 20 equals 0.35 and 4 divided by 20 equals 0.20, matching the chosen fractions.