# Construction Cone Drawing: Taper, Bands, and Square Base

Original task 1 / independent drawing and calculation

## Task 1

Front view: height 8 units, base width 4 units, top width 1 unit, bands at 25 percent and 75 percent, thickness 0.5 unit. Describe the drawing and give the band center heights.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Construction Cone Drawing: Taper, Bands, and Square Base

Original task 2 / independent drawing and calculation

## Task 2

Angled view: height 12 units, base width 6 units, top width 2 units, bands at 40 percent and 70 percent. Describe the base shape and band center heights.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Construction Cone Drawing: Taper, Bands, and Square Base

Original task 3 / independent drawing and calculation

## Task 3

Scale check: a cone has height 9 units and base width 3 units. What is height divided by base width? If top width is 1 unit, what is top divided by base?

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

# Construction Cone Drawing: Taper, Bands, and Square Base

Original task 4 / independent drawing and calculation

## Task 4

Band placement: height 10 units, bands at 20 percent and 80 percent, thickness 1 unit. Give the lower and upper edges of each band.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

## Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.