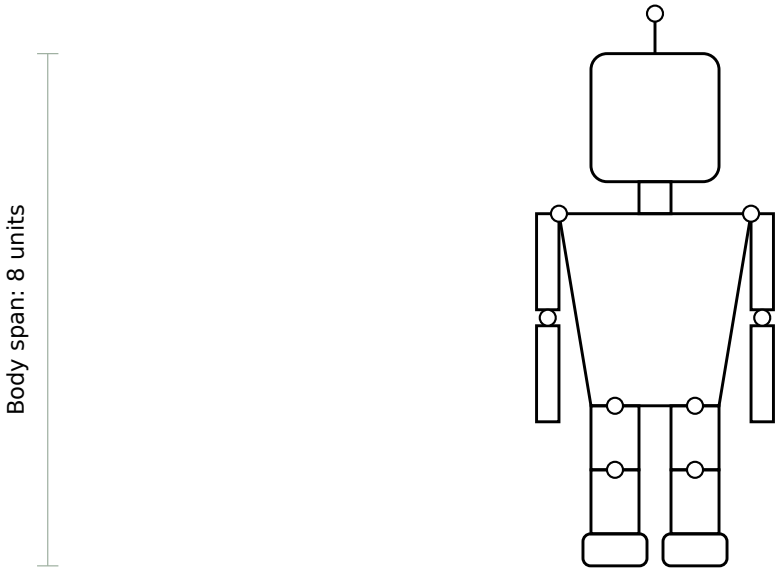
Android Drawing: Build a Robot Figure with Head, Antenna, and Limb Segments

BLANK FIGURE OUTLINE / PANEL AND REDRAW PRACTICE

Add the head midline, light chest/limb panel lines and your zone labels to this outline. Use the reverse side or fresh paper to redraw it, keeping paired segments equal. The default eight-unit body here is separate from the six-unit first arithmetic task.



Antenna outside body: 0.75 / full tip-to-foot span: 8.75 units

My unit sum or difference

My check and explanation

- ☐ I labeled the included zones and checked the same unit.
- ☐ Left/right segments match; any separate joint gap is stated.
- ☐ I kept final contour heavier than panel guides.

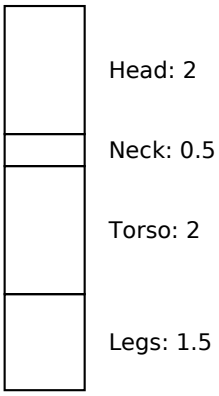
Hypothetical drawing units, not hardware or anatomy standards. Unit diagrams use a common scale within each drawing; miniature step panels are reduced. Only explicitly listed zones enter each task sum. The standing body excludes its antenna; knee disks fit within leg zones.

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EXERCISE 1 / PRACTICE

Plan a six-unit android with a two-unit head, a half-unit neck gap, a two-unit torso, and legs one and one-half units total. What total height does this plan produce, and is it six units?

Exercise 1 / listed zones



My sum: _____ units

My unit sum or difference

My check and explanation

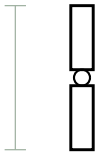
Only given parts are drawn; totals, differences and any alternative remain for you to fill in. Do not add feet or an antenna absent from the question. The arm task explicitly includes its joint diameter; leg joints stay within their segments.

Hypothetical drawing units, not hardware or anatomy standards. Unit diagrams use a common scale within each drawing; miniature step panels are reduced. Only explicitly listed zones enter each task sum. The standing body excludes its antenna; knee disks fit within leg zones.

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EXERCISE 2 / PRACTICE

An android has a three-unit torso and two arms. Each arm has an upper segment of one unit and a lower segment of one unit, with a joint circle of one-quarter unit between them. What is the total length of one arm including the joint circle?



Upper segment: 1
Joint diameter: 0.25
Lower segment: 1

Upper + joint + lower = _____ units

My unit sum or difference

My check and explanation

Only given parts are drawn; totals, differences and any alternative remain for you to fill in. Do not add feet or an antenna absent from the question. The arm task explicitly includes its joint diameter; leg joints stay within their segments.

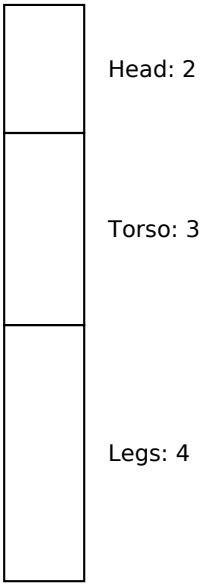
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EXERCISE 3 / PRACTICE

A drawing plan uses a head two units tall, a torso three units tall, and legs four units tall, but leaves no neck gap. The planned total is nine units. Does the plan fit, and what change makes it fit?

Exercise 3 / no gap



My sum: _____ units

My revised plan / leave a drawing and labels

My unit sum or difference

My check and explanation

Only given parts are drawn; totals, differences and any alternative remain for you to fill in. Do not add feet or an antenna absent from the question. The arm task explicitly includes its joint diameter; leg joints stay within their segments.

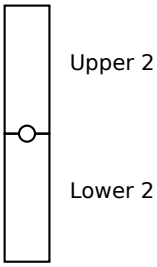
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EXERCISE 4 / PRACTICE

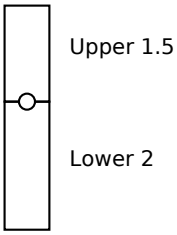
An android's left upper leg is two units and its right upper leg is one and one-half units. The lower legs are both two units. What is the difference in total leg length, and how do you correct it?

Given left



Total ___

Given right



Total ___

Difference: _____ / Explain one length correction: _____

My unit sum or difference

My check and explanation

Only given parts are drawn; totals, differences and any alternative remain for you to fill in. Do not add feet or an antenna absent from the question. The arm task explicitly includes its joint diameter; leg joints stay within their segments.

Hypothetical drawing units, not hardware or anatomy standards. Unit diagrams use a common scale within each drawing; miniature step panels are reduced. Only explicitly listed zones enter each task sum. The standing body excludes its antenna; knee disks fit within leg zones.