Calf Drawing: Body Proportions and Four Construction Steps

EXERCISE 1 / STUDENT RESPONSE

On a blank side-view frame, redraw the calf from the four construction steps. Use a body oval 8 cm wide and 5 cm tall, a head 3 cm long, and a baseline 1 cm below the oval. Add a simple ground line and label the midline.

For stated lengths use drawing scale 1:2 unless a supplied diagram states 1:3. Double lengths measured from a 1:2 drawing to record task values. Unstated sizes are choices. The blank guide names are for you to fill.

Label: _____

Label: _____

Blank side-view frame / add your own body, head, legs, tail and guide labels

My task values: body width _____ cm; oval height _____ cm; head length _____ cm.

Straight leg length _____ cm; chosen scale _____; optional dimensions _____

How I used the halfway guide: _____

- ☐ I used the body oval, then head/neck, four legs/feet and tail.
- ☐ I labeled the ground line and oval halfway guide.
- ☐ I checked the stated sizes and all four ground contacts.

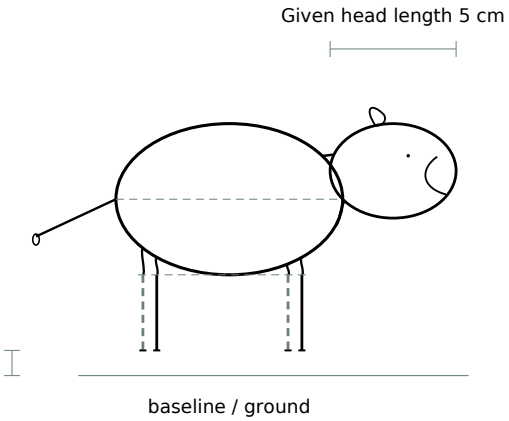
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EXERCISE 2 / STUDENT RESPONSE

A learner draws a calf with a body oval 9 cm wide and 6 cm tall, a head 5 cm long, and legs that stop 1 cm above the baseline. Identify two proportion or placement errors and describe a fix for each.

For stated lengths use drawing scale 1:2 unless a supplied diagram states 1:3. Double lengths measured from a 1:2 drawing to record task values. Unstated sizes are choices. The blank guide names are for you to fill.

GIVEN LEARNER DRAWING / body oval 9 x 6 cm / scale 1:3



For this illustration, the start datum is chosen 4 cm above ground; tail 3.5 cm is optional.

Error 1 and its fix: _____

_____

Error 2 and its fix: _____

_____

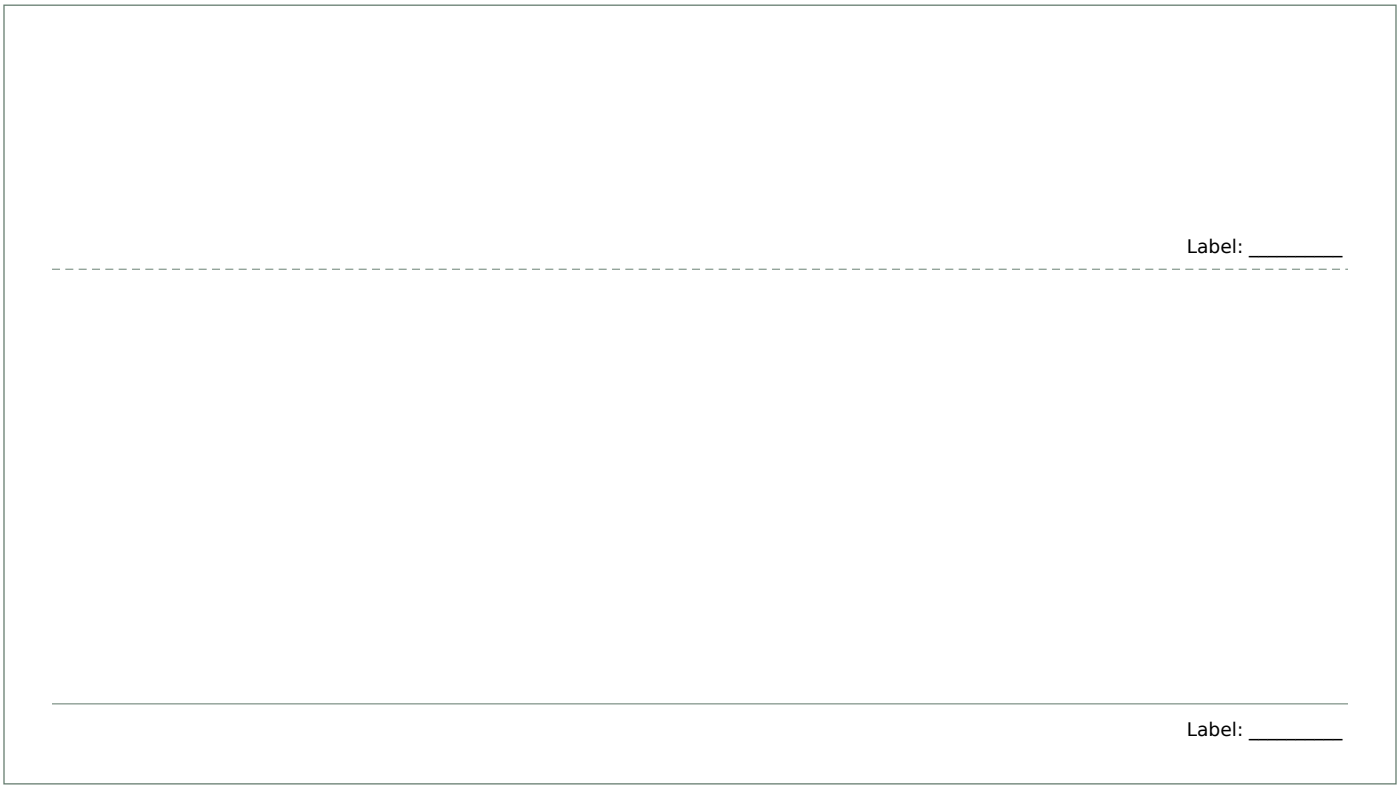
Reason or calculation: _____

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EXERCISE 3 / STUDENT RESPONSE

Using a baseline and a body oval 12 cm wide and 7 cm tall with its bottom 8 cm above the baseline, place four legs so that all four feet land on the baseline. Draw two near legs 8 cm long and two far legs 8 cm long, with the far legs offset slightly behind the near legs. Describe where the feet land relative to the baseline and how you would check vertical alignment.

For stated lengths use drawing scale 1:2 unless a supplied diagram states 1:3. Double lengths measured from a 1:2 drawing to record task values. Unstated sizes are choices. The blank guide names are for you to fill.



Blank side-view frame / add your own body, head, legs, tail and guide labels

My task values: body width _____ cm; oval height _____ cm; head length _____ cm.

Straight leg length _____ cm; chosen scale _____; optional dimensions _____

How I used the halfway guide: _____

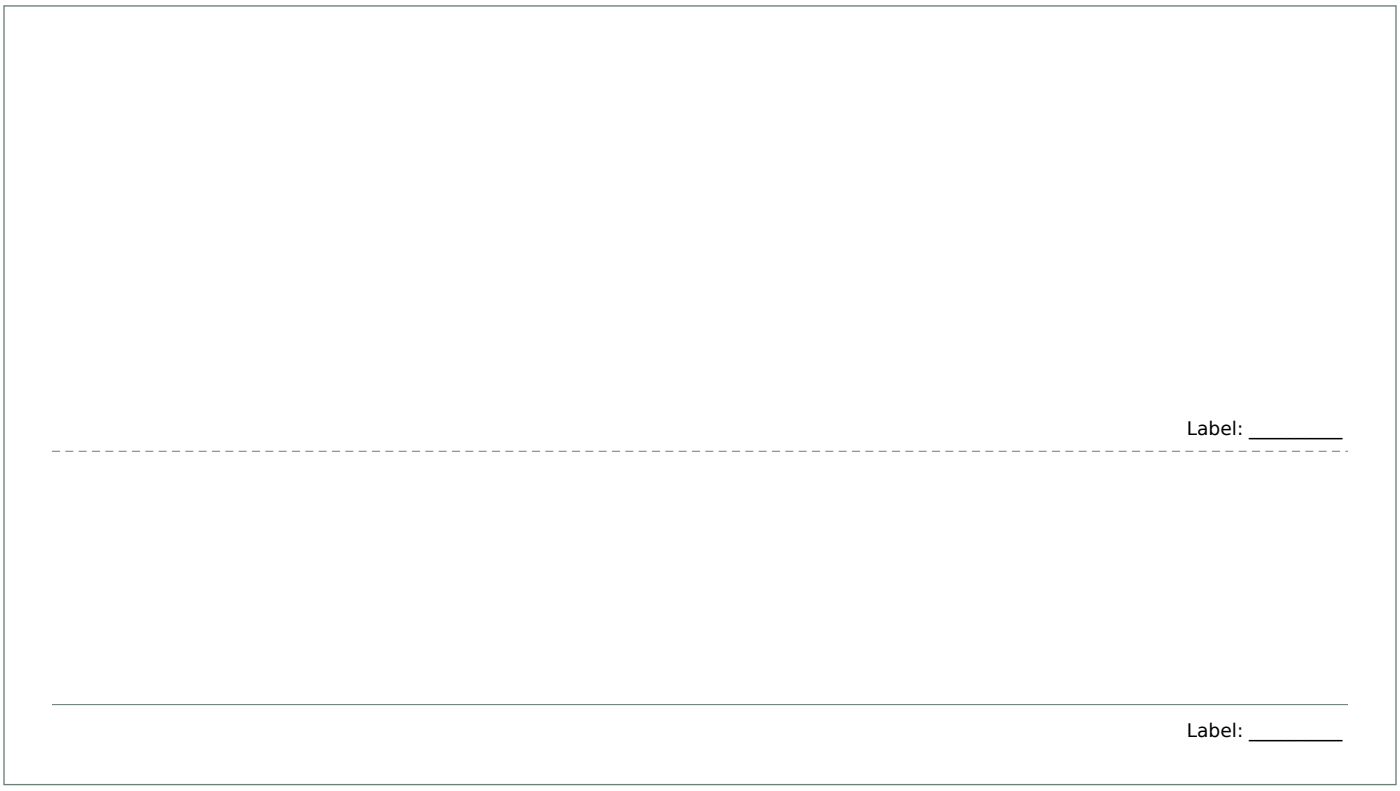
- ☐ I used the body oval, then head/neck, four legs/feet and tail.
- ☐ I labeled the ground line and oval halfway guide.
- ☐ I checked the stated sizes and all four ground contacts.

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EXERCISE 4 / STUDENT RESPONSE

Draw a side-view calf with a body oval, head, legs, and a short tail. Add a baseline and mark the oval halfway guide. Explain how the guide helps you place one feature.

For stated lengths use drawing scale 1:2 unless a supplied diagram states 1:3. Double lengths measured from a 1:2 drawing to record task values. Unstated sizes are choices. The blank guide names are for you to fill.



Blank side-view frame / add your own body, head, legs, tail and guide labels

My task values: body width _____ cm; oval height _____ cm; head length _____ cm.

Straight leg length _____ cm; chosen scale _____; optional dimensions _____

How I used the halfway guide: _____

- ☐ I used the body oval, then head/neck, four legs/feet and tail.
- ☐ I labeled the ground line and oval halfway guide.
- ☐ I checked the stated sizes and all four ground contacts.