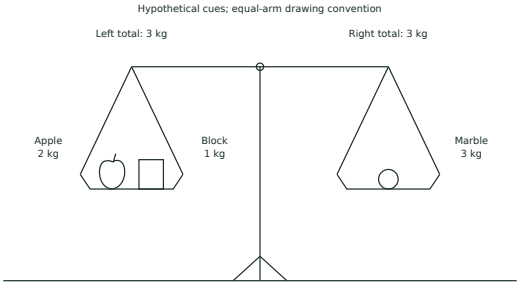
Draw a Balance Scale with Three Weighted Objects

FOUR EXERCISES / ONE-PAGE WORKSHEET

Use this small balanced plate as a drawing example. Complete all four independent tasks below using the given hypothetical cues. Do not copy its values into a different task.



EXERCISE 1

Draw a balance scale with an apple at 1 kg and a marble at 0.5 kg in the left pan, and a block at 1.5 kg in the right pan. State whether the beam is level or tilted.

Draw the scale, three objects and cues.

Left total: _____ Right total: _____
Beam / lower pan and check: _____

EXERCISE 2

Draw a balance scale with a block at 2 kg in the left pan and an apple at 1 kg plus a marble at 0.5 kg in the right pan. State which side is heavier and show the tilt.

Draw the scale, three objects and cues.

Left total: _____ Right total: _____
Beam / lower pan and check: _____

EXERCISE 3

Draw a balance scale with a marble at 0.25 kg and an apple at 1 kg in the left pan, and a block at 1.25 kg in the right pan. State whether the scale is balanced.

Draw the scale, three objects and cues.

Left total: _____ Right total: _____
Beam / lower pan and check: _____

EXERCISE 4

Draw a balance scale with an apple at 1.5 kg in the left pan and a block at 1 kg plus a marble at 0.25 kg in the right pan. State which side is heavier and show the tilt.

Draw the scale, three objects and cues.

Left total: _____ Right total: _____
Beam / lower pan and check: _____