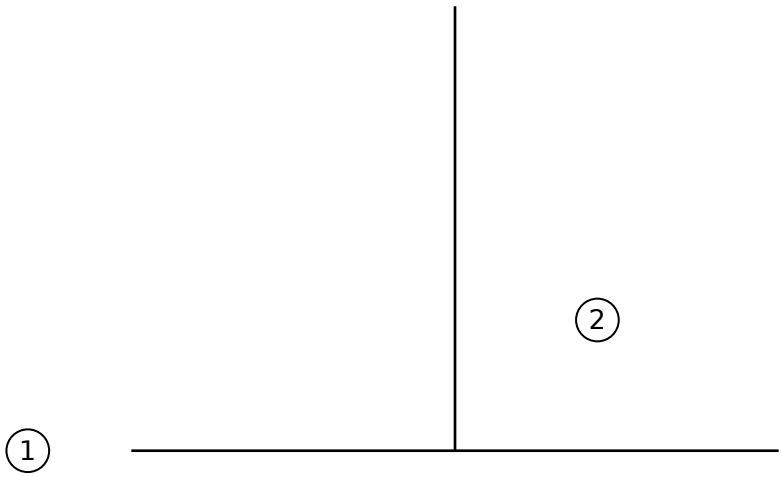
Draw a Preschool Balance Scale: Step Cues for Young Learners

EXERCISE 1 / ANSWERS

In a blank box, draw only the base and post, then add cue 1 and cue 2. Describe where each cue sits.



A short horizontal base line with a vertical post rising from its center. Cue 1 sits beside the base; cue 2 sits beside the post.

Why: The sequence starts from the ground up, so base and post come first. Cues mark each new part in order.

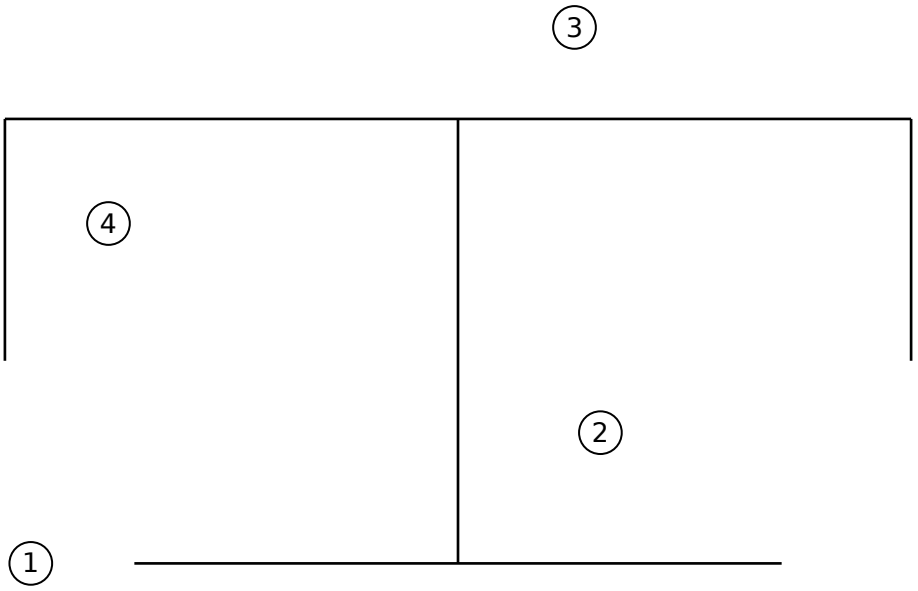
Check: Count two parts and two cues. Confirm the post starts at the base center and cue numbers match the parts.

Illustrative drawing, not a physical ruler or engineering standard. Use clear black outlines; no shading or filled parts. Small valid shape differences are allowed.

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EXERCISE 2 / ANSWERS

Draw a beam across the post top and add two hanger lines at the beam ends. Add cue 3 and cue 4. How many hanger lines should there be?



One horizontal beam crossing the post top, with two short vertical hanger lines, one at each beam end. Cue 3 beside the beam; cue 4 beside the hangers. There are two hanger lines.

Why: Each pan needs one hanger, and the scale has two pans, so two hangers are required.

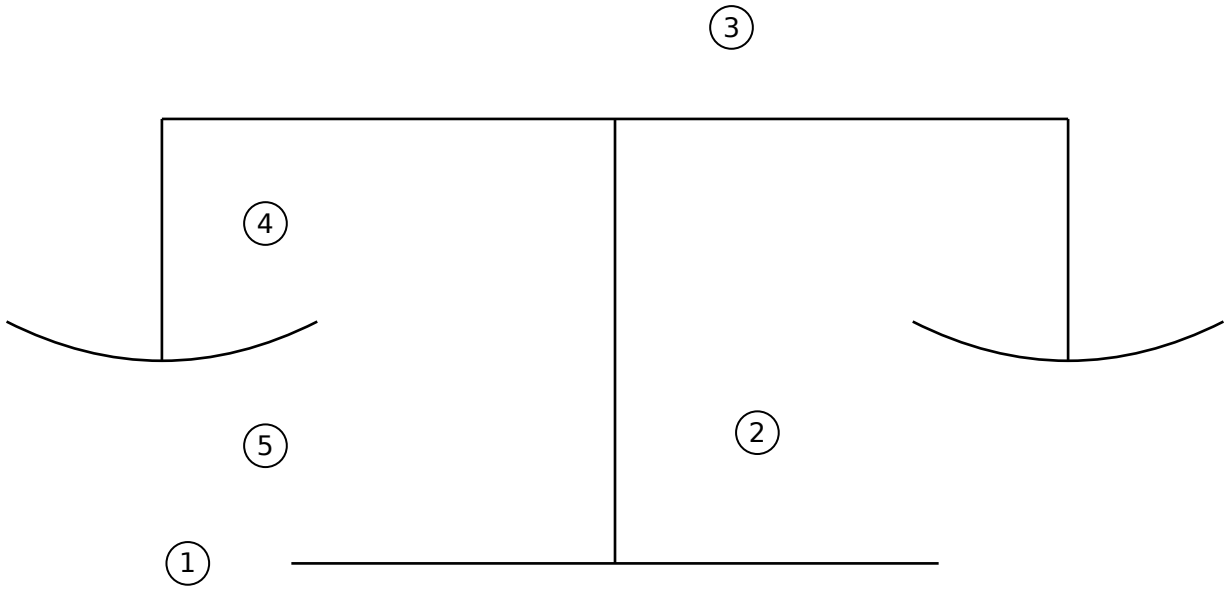
Check: Count hanger lines: two. Confirm each hanger touches a beam end and cue 4 is beside the hangers.

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EXERCISE 3 / ANSWERS

Complete the scale by drawing two pans under the hangers and adding cue 5. Then count the five main parts aloud.



Two shallow pan curves sit under the two hangers. Cue 5 is beside the pans. The five main parts are base, post, beam, pan, and pan; the two hangers are connectors.

Why: Pans finish the structure. Counting main parts confirms the drawing is complete before checking cues.

Check: Point to base, post, beam, pan, pan and count to five, then count the two hangers. Confirm cue 5 is beside the pans and each pan is under a hanger.

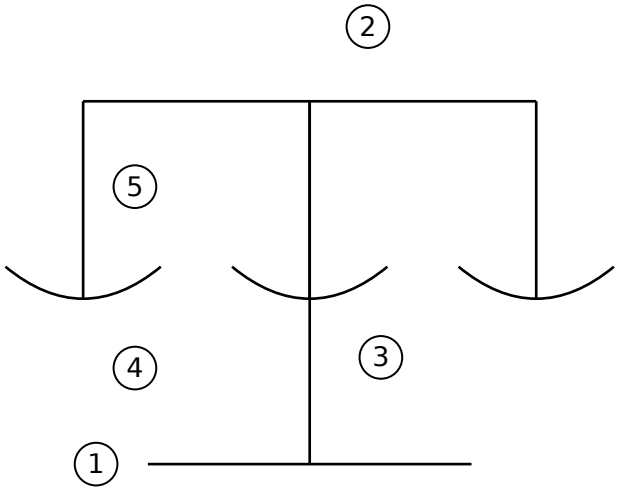
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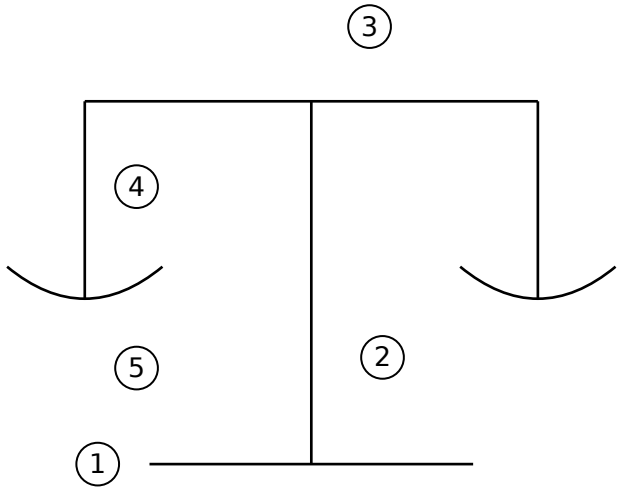
EXERCISE 4 / ANSWERS

A child draws a scale with three pans and cues numbered 1, 3, 2, 5, 4. State two fixes using the convention.

GIVEN INCORRECT EXAMPLE



CORRECTED EXAMPLE



Fix one: remove the extra pan so there are exactly two pans, one per beam end. Fix two: renumber cues beside parts in drawing order: base 1, post 2, beam 3, hangers 4, pans 5.

Why: The convention specifies two pans and cues in drawing order. Extra pans and out-of-order cues break the checkable structure.

Check: Count pans: should be two. Follow the drawing sequence and check each cue beside its matching part: base 1, post 2, beam 3, hangers 4, pans 5.

Illustrative drawing, not a physical ruler or engineering standard. Use clear black outlines; no shading or filled parts. Small valid shape differences are allowed.