Draw a Simple Trap: Lever, Base, and Trigger

Original task 1 / independent drawing and calculation

Task 1

Draw a top view of a trap with a base 10 cm by 5 cm, a lever 8 cm long and 2 cm wide, and a pivot 2 cm from the left edge. Label B, P, L, and T. Use solid and dashed lines correctly.

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.

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Original task 2 / independent drawing and calculation

Task 2

Draw a side view of the same trap: base as a thin horizontal rectangle, lever as a tilted rectangle above it, pivot as a small circle at the joint, and trigger as a short bar from the lever end down to the base. Label all parts.

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.

Draw a Simple Trap: Lever, Base, and Trigger

Original task 3 / independent drawing and calculation

Task 3

Draw a trap with a base 14 cm by 7 cm and a lever 12 cm long. Place the pivot 3 cm from the right edge. Add a second dashed line to show the hidden axle. Label B, P, L, and T, and write one sentence explaining how the trigger holds the lever.

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.

Draw a Simple Trap: Lever, Base, and Trigger

Original task 4 / independent drawing and calculation

Task 4

Redraw the trap from a different angle: draw the base as a parallelogram to suggest perspective, keep the lever and trigger connections clear, and label all parts. Use the same convention and x-height lettering.

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.