Easy Drawing of Pins: Safety Pin Clasp and Sewing Pin Head

Original task 1 / independent drawing and calculation

Task 1

Draw a safety pin with an x-height of 8 mm. Use a total length of 6 x-heights, a coil 1 x-height wide, and a clasp 1.5 x-heights long. State the length, coil width, and clasp length in millimeters.

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 sewing pin with an x-height of 12 mm. The shaft is 5 x-heights long and the head is 1 x-height wide. State the shaft length and head width in millimeters.

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 3 / independent drawing and calculation

Task 3

A safety pin drawing has a coil 9 mm wide and a clasp 13.5 mm long. If the coil is 1 x-height wide, what is the x-height, and what should the total length be if it is 6 x-heights?

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.

Easy Drawing of Pins: Safety Pin Clasp and Sewing Pin Head

Original task 4 / independent drawing and calculation

Task 4

Draw both pins using the same x-height of 10 mm. The safety pin is 6 x-heights long with a 1 x-height coil and a 1.5 x-height clasp. The sewing pin shaft is 5 x-heights long with a 1 x-height head. List the four key measurements in millimeters and check that the clasp captures the point.

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.