Draw Farming Hand Tools: Hoe, Rake and Spade Shape Breakdown

Original task 1 / independent drawing and calculation

Task 1

Draw a rake with a handle 15 cm long and a crossbar 5 cm wide. The rake has five teeth. State the handle-to-crossbar ratio and give one check method.

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 spade with a handle 10 cm long and a blade 4 cm wide at its widest point. The blade tapers to a rounded tip. State the ratio and describe how to check that the blade is centered.

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 hoe drawing has a handle 9 cm long and a blade 3 cm wide. A second hoe drawing has a handle 12 cm long and a blade 4 cm wide. Are the ratios the same? Show the arithmetic.

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 4 / independent drawing and calculation

Task 4

Draw a hoe, a rake and a spade inside three separate blank outline boxes, each 8 cm by 12 cm. Use these planned ratios: hoe 4:1, rake 3:1, spade 2.5:1. After drawing, measure one tool and state whether its ratio is within 0.5 of the planned value.

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.