Practicing Cartography Map Drawing: Legend, Scale Bar, and Compass Rose

Original task 1 / independent drawing and calculation

Task 1

A scale bar is divided into four equal segments, each 1 cm long, labeled 0 to 8 km. A river is drawn 3 cm long on the map. What ground distance does the river represent?

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

A map legend lists a filled triangle for mountain, a small circle for settlement, and a wavy line for river. The map shows a filled triangle and a wavy line but no circle. Which symbol is missing from the map, and what should the legend contain?

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 compass rose is drawn with north at the top but only the letter N is labeled. What should be added to make the compass rose complete for a four-point rose?

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

A map frame is 12 cm wide and 9 cm tall. The legend box is 3 cm wide and 2 cm tall, placed in the top-left corner. The compass rose is 2 cm wide and 2 cm tall, placed in the top-right corner. How much width remains for map content along the top edge between the legend and the compass rose?

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.