Volleyball Court Drawing: Net, Attack Lines, and Labeled Zones

Original task 1 / independent drawing and calculation

Task 1

A court plan uses a scale of 1:100. The court is 18 m long and 9 m wide. Calculate the drawn length and width in centimeters, and state the drawn distance from the net to each attack line.

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

On a 1:200 plan, the court rectangle is 9 cm by 4.5 cm. A student draws the net at 3 cm from the left end. Is the net at midcourt? Show the arithmetic and state the correct position.

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 plan at 1:150 has a court length of 12 cm. The attack line is drawn 2 cm from the net. Convert the attack line distance back to real meters and verify it is 3 m.

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.

Volleyball Court Drawing: Net, Attack Lines, and Labeled Zones

Original task 4 / independent drawing and calculation

Task 4

A student labels only the front zone on the left half and writes a legend that says 'F = front zone'. List two problems with this labeling and state how to fix them.

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.

Task 1 / practice

Indoor court plan / all stated scales are printed at actual size

1:100 / calculate the drawn court dimensions and attack distance yourself.

Sideline



End line

Draw the net and attack lines, add both front/back zone labels and a complete legend. Record scale arithmetic in the blank response area.



Indoor court plan / all stated scales are printed at actual size

Given plan: 9 cm by 4.5 cm / given net error: 3 cm from the left end.

Sideline



End line

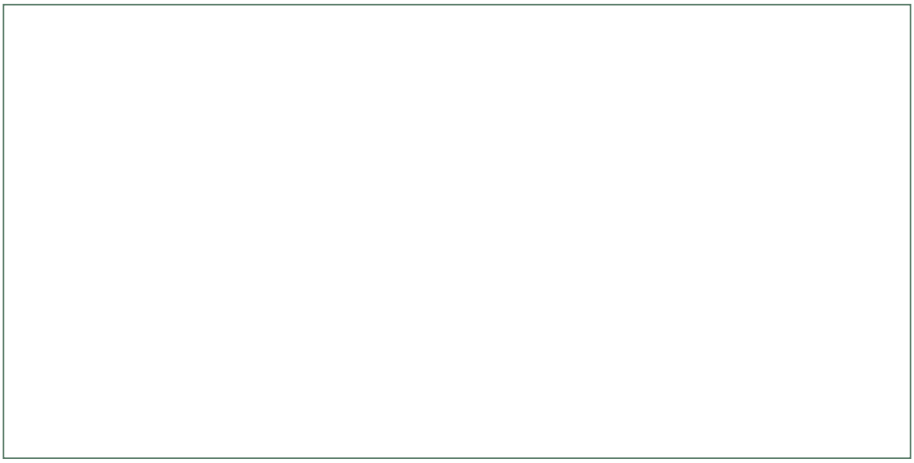
Given error: net is 3 cm from the left end. Use the separate blank response below to diagnose and correct it.



Indoor court plan / all stated scales are printed at actual size

Given 1:150 plan length: 12 cm / given attack distance: 2 cm.

Sideline

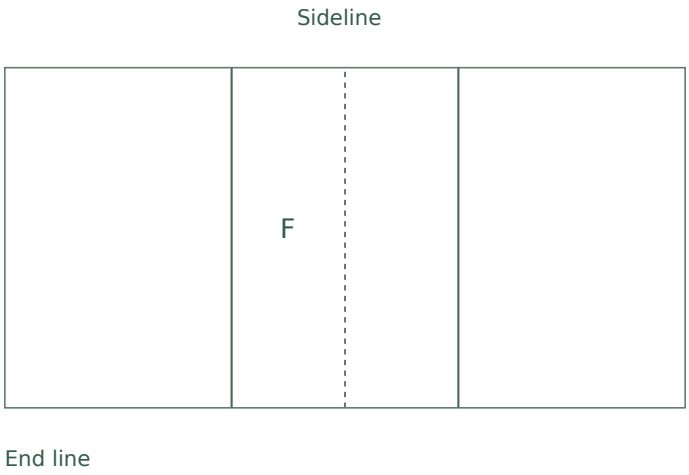


End line

Draw the net and attack lines, add both front/back zone labels and a complete legend. Record scale arithmetic in the blank response area.

Indoor court plan / all stated scales are printed at actual size

Chosen illustrative plan 1:200 / supplied incomplete labels only.



Given incomplete legend: F = front zone. Only the left front zone is labeled. Explain the two omissions and complete a separate corrected plan.