Fire Ant Drawing: Segmented Body and Leg Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a top-view fire ant with head height 1.0 cm, thorax height 1.0 cm, and abdomen height 1.5 cm above baseline. Place six legs and two antennae. Count and record segments, legs, and antennae.

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 fire ant with three overlapping segments along a baseline. Show three legs on the visible side of the thorax and one clear elbowed antenna. State the body order from front to back.

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 sketch shows four legs on the left side of the thorax and two on the right, plus one antenna on the head. Identify the errors and state the corrections.

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

Using a practice strip, draw the same fire ant from top and side views. Use head height 1.2 cm, thorax height 1.0 cm, and abdomen height 1.8 cm above baseline for the top view. For the side view, use abdomen height 2.0 cm. Compare the two views and list two features that must match.

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.