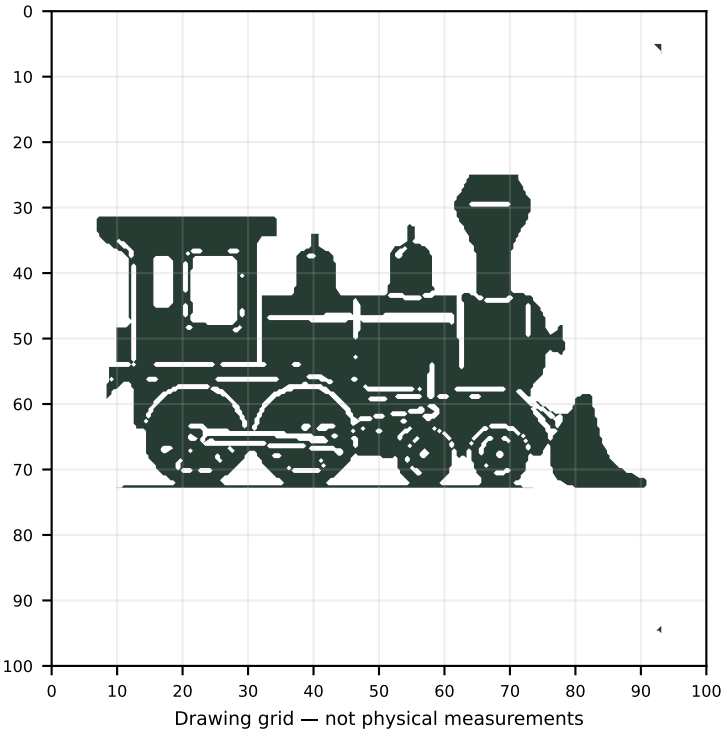
How to Draw Steam Engine — Free Practice Sheets

ANSWER / CASE 1

steam engine: Trace the reference outline, then practise the contour independently. Compare with the separate full reference sheet.



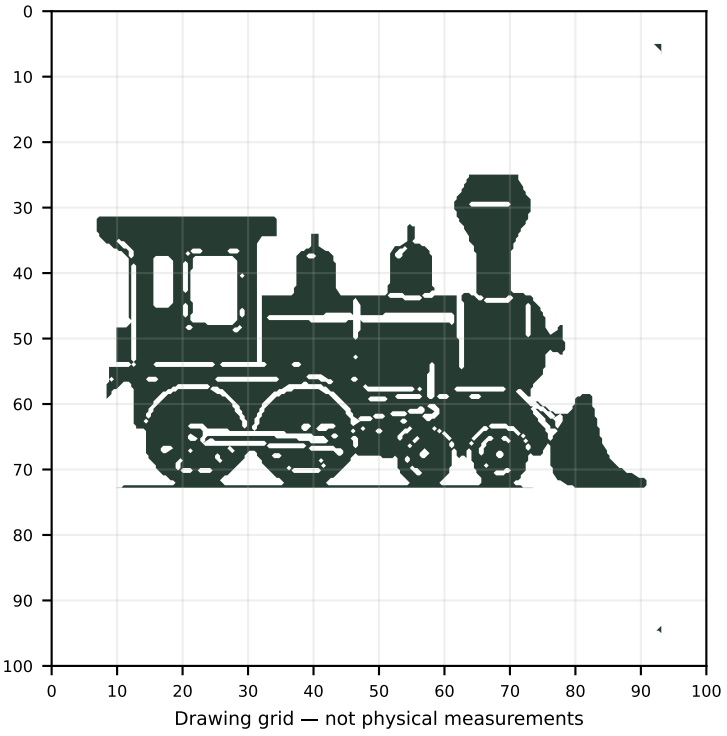
Drawing grid — not physical measurements

ANSWER: Example solution: preserve cylindrical boiler with two dome-like protrusions on top, large driving wheels connected by side rods, smokestack funnel with a flared top. Other drawings can be correct; assess the visible features and proportions rather than pixel-perfect matching.
1. Draw the horizontal cylindrical boiler as the main body, then add the cab as a rectangular box at the rear with window cutouts.
2. Place the smokestack funnel on the front top of the boiler, flaring at the top, and add two smaller domes along the boiler top.
3. Draw the large driving wheels at the rear and smaller wheels at the front, then connect the driving wheels with horizontal side rods.
4. Add the triangular cowcatcher at the front base and a small coupling/light detail at the front of the boiler.

How to Draw Steam Engine — Free Practice Sheets

ANSWER / CASE 2

steam engine: Copy the reference onto the blank grid, using matching grid intersections. Compare with the separate full reference sheet.



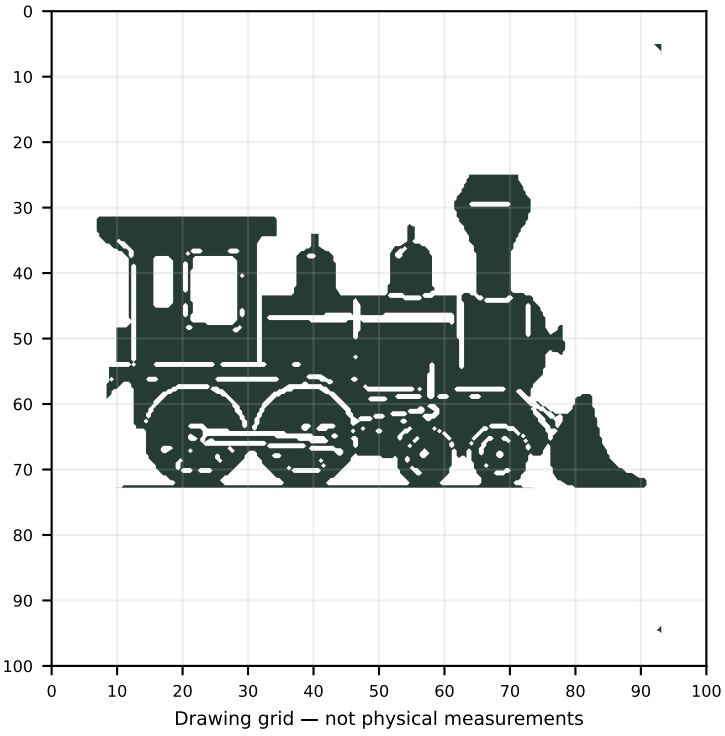
Drawing grid — not physical measurements

ANSWER: Example solution: preserve cylindrical boiler with two dome-like protrusions on top, large driving wheels connected by side rods, smokestack funnel with a flared top. Other drawings can be correct; assess the visible features and proportions rather than pixel-perfect matching.
1. Draw the horizontal cylindrical boiler as the main body, then add the cab as a rectangular box at the rear with window cutouts.
2. Place the smokestack funnel on the front top of the boiler, flaring at the top, and add two smaller domes along the boiler top.
3. Draw the large driving wheels at the rear and smaller wheels at the front, then connect the driving wheels with horizontal side rods.
4. Add the triangular cowcatcher at the front base and a small coupling/light detail at the front of the boiler.

How to Draw Steam Engine — Free Practice Sheets

ANSWER / CASE 3

steam engine: Use the bounding frame and center guide to place the silhouette, then add the identifying details. Compare with the separate full reference sheet.

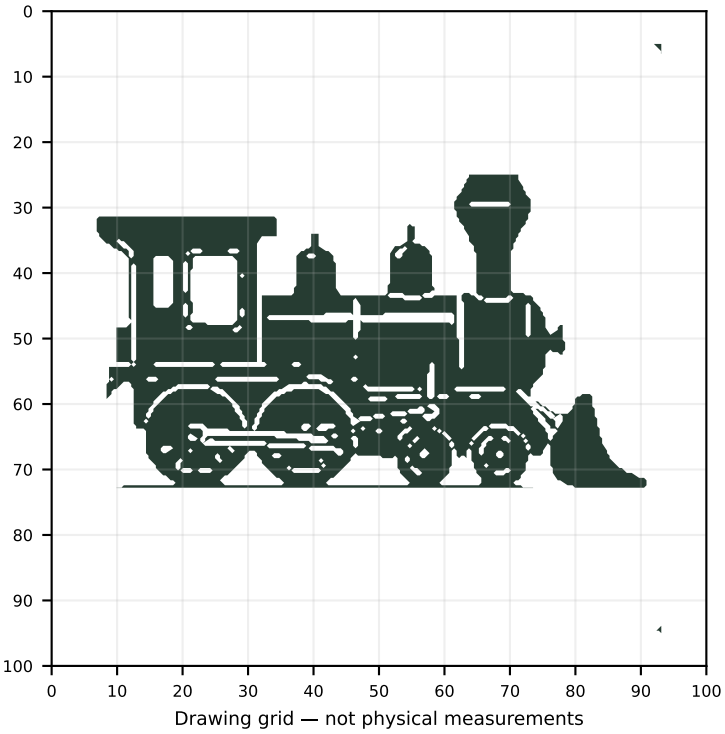


ANSWER: Example solution: preserve cylindrical boiler with two dome-like protrusions on top, large driving wheels connected by side rods, smokestack funnel with a flared top. Other drawings can be correct; assess the visible features and proportions rather than pixel-perfect matching.
1. Draw the horizontal cylindrical boiler as the main body, then add the cab as a rectangular box at the rear with window cutouts.
2. Place the smokestack funnel on the front top of the boiler, flaring at the top, and add two smaller domes along the boiler top.
3. Draw the large driving wheels at the rear and smaller wheels at the front, then connect the driving wheels with horizontal side rods.
4. Add the triangular cowcatcher at the front base and a small coupling/light detail at the front of the boiler.

How to Draw Steam Engine — Free Practice Sheets

ANSWER / CASE 4

steam engine: Complete the blank right-hand portion using the full reference. Compare with the separate full reference sheet.



ANSWER: Example solution: preserve cylindrical boiler with two dome-like protrusions on top, large driving wheels connected by side rods, smokestack funnel with a flared top. Other drawings can be correct; assess the visible features and proportions rather than pixel-perfect matching.
1. Draw the horizontal cylindrical boiler as the main body, then add the cab as a rectangular box at the rear with window cutouts.
2. Place the smokestack funnel on the front top of the boiler, flaring at the top, and add two smaller domes along the boiler top.
3. Draw the large driving wheels at the rear and smaller wheels at the front, then connect the driving wheels with horizontal side rods.
4. Add the triangular cowcatcher at the front base and a small coupling/light detail at the front of the boiler.