Draw and Label Common Drawing Instruments

Original task 1 / independent drawing and calculation

Task 1

Draw a compass with legs open about 30 degrees. Label hinge, point leg, and pencil leg. Use a small circle for the hinge.

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.

Draw and Label Common Drawing Instruments

Original task 2 / independent drawing and calculation

Task 2

Draw a ruler as a rectangle about six times longer than wide. Add a scale edge and five evenly spaced tick marks. Label body and scale edge.

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.

Draw and Label Common Drawing Instruments

Original task 3 / independent drawing and calculation

Task 3

Draw a pencil with a body about eight times longer than wide, a tapered tip, and a rounded eraser. Label body, tip, and eraser.

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.

Draw and Label Common Drawing Instruments

Original task 4 / independent drawing and calculation

Task 4

Draw all three instruments in one practice box, each with three labels. Use a consistent x-height for labels and keep leader lines from crossing.

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.

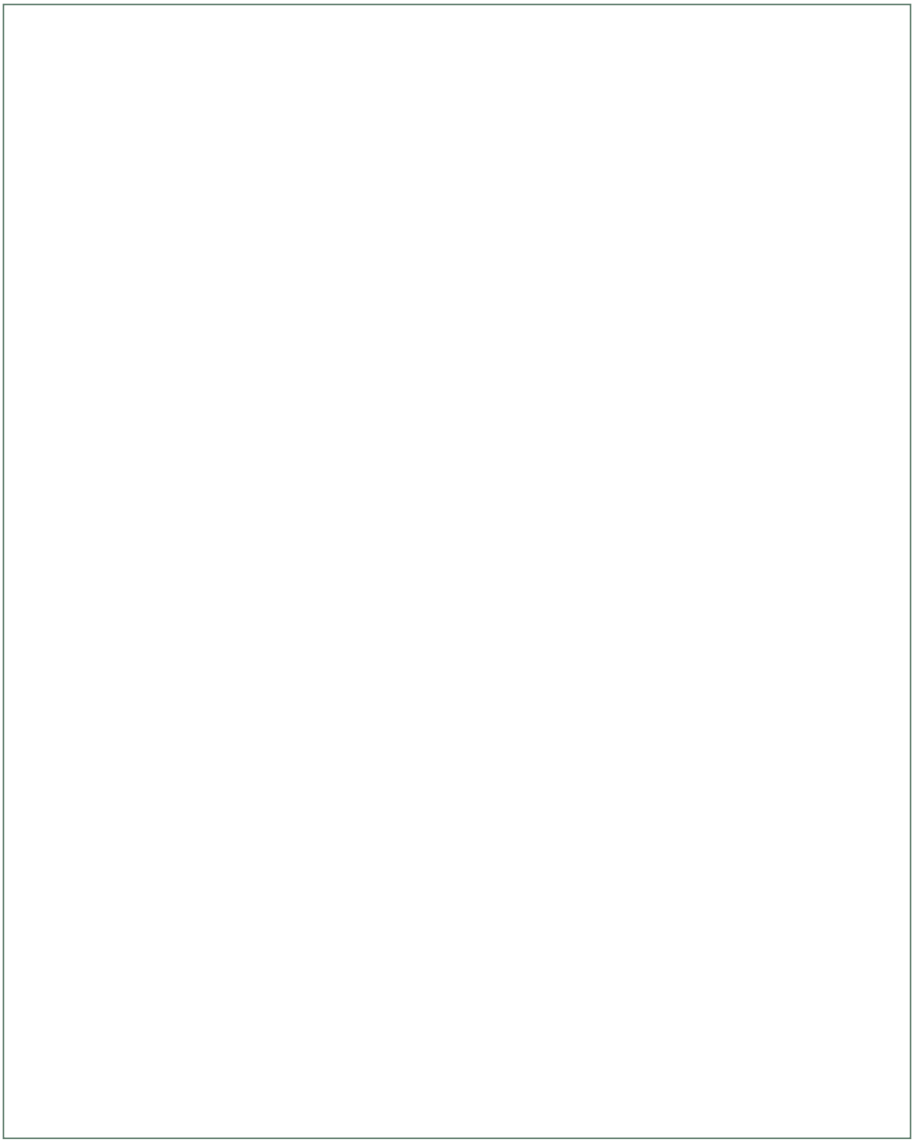
Draw and Label Common Drawing Instruments

Task 1 / practice

Drawing instruments / selected schematic forms and dimensions, not drafting standards

Draw the original instrument(s) and place each label in open space. Leaders end at the named feature boundary and do not cross another leader. Task 4 needs three labels for each instrument.

Blank drawing field / make and check your own response.



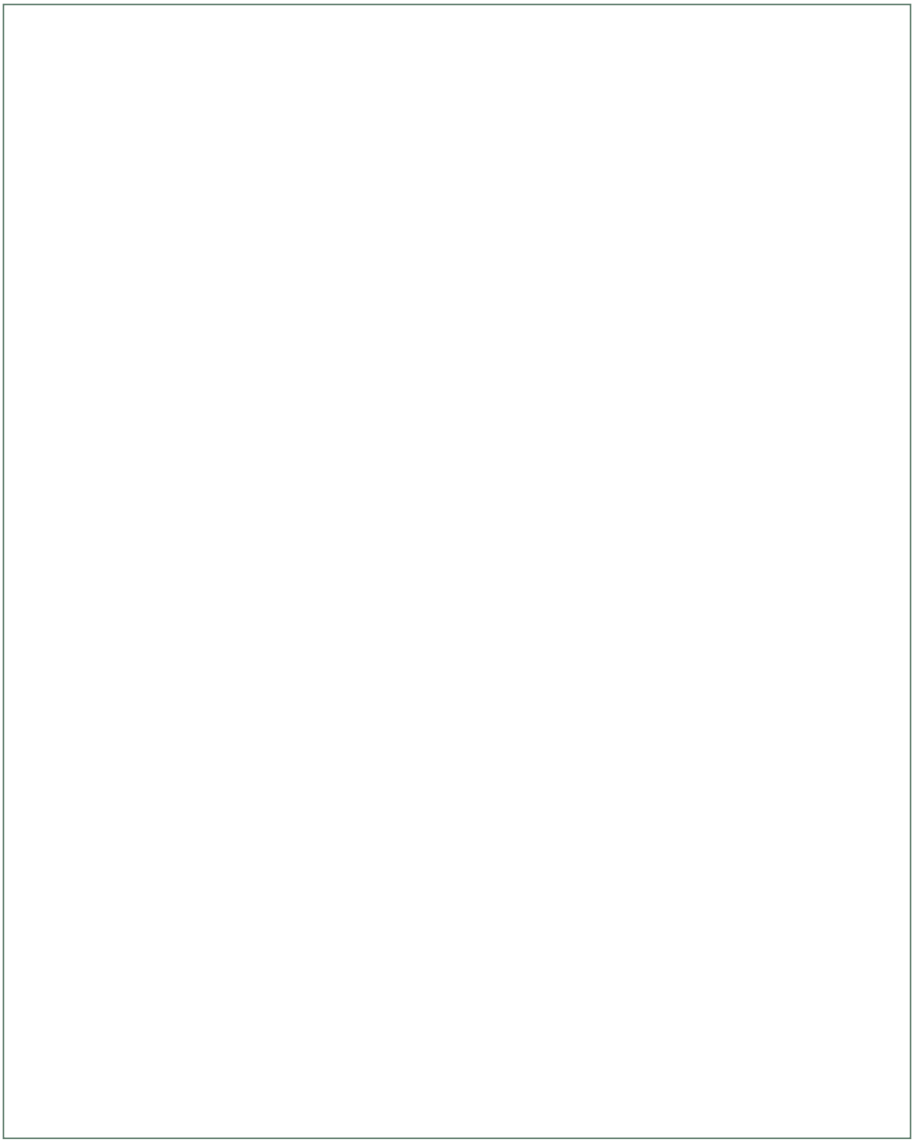
Draw and Label Common Drawing Instruments

Task 2 / practice

Drawing instruments / selected schematic forms and dimensions, not drafting standards

Draw the original instrument(s) and place each label in open space. Leaders end at the named feature boundary and do not cross another leader. Task 4 needs three labels for each instrument.

Blank drawing field / make and check your own response.



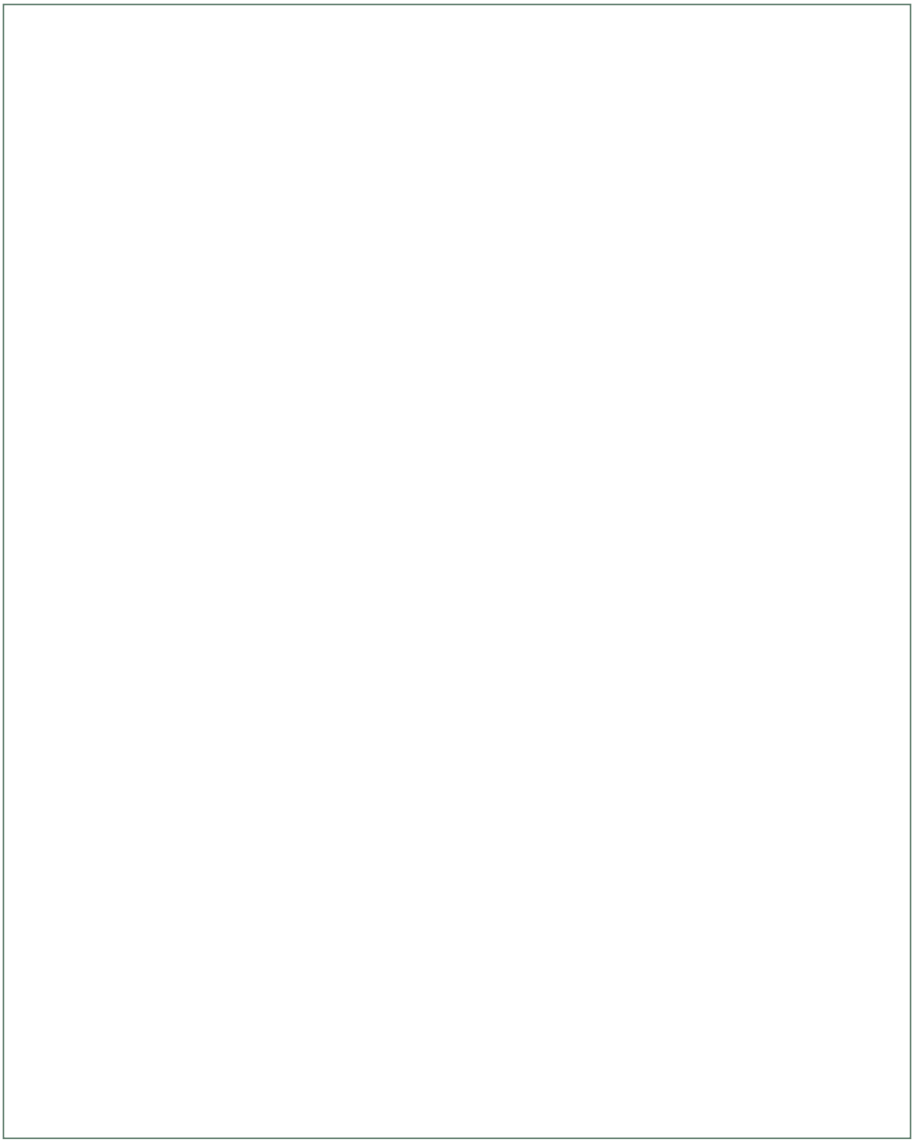
Draw and Label Common Drawing Instruments

Task 3 / practice

Drawing instruments / selected schematic forms and dimensions, not drafting standards

Draw the original instrument(s) and place each label in open space. Leaders end at the named feature boundary and do not cross another leader. Task 4 needs three labels for each instrument.

Blank drawing field / make and check your own response.



Draw and Label Common Drawing Instruments

Task 4 / practice

Drawing instruments / selected schematic forms and dimensions, not drafting standards

Draw the original instrument(s) and place each label in open space. Leaders end at the named feature boundary and do not cross another leader. Task 4 needs three labels for each instrument.

Blank drawing field / make and check your own response.

