

Drawing Scientifically

Assignment - Student Edition

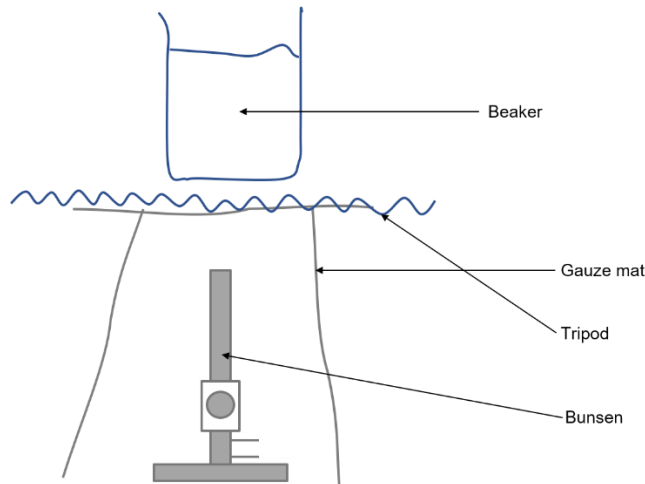
I. Fill in the gaps

Complete each sentence below to summarize the scientific drawing rules.

1. Use a _____, not _____.
2. Make drawing _____-dimensional.
3. Use _____ lines. Do not _____.
4. Keep glassware _____.
5. _____ straight lines.
6. Do not _____ or _____ in.
7. Drawings must be _____ enough to see all details clearly.
8. Do not _____ objects.
9. Label equipment with _____ lines, that do not _____ over each other.
10. Do not use _____ on labels.

II. Judge, Justify and Fix

A pair of students were heating water using a beaker, tripod, gauze mat and Bunsen burner. The diagram of their equipment set-up is pictured below.



1. Circle on the diagram the mistakes students have made. Note if the mistake has been made multiple times then you only need to circle it once.
2. Name a piece of equipment the students should have used but do not have in their drawing.

Name: _____ Period: _____ Date: _____

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3. Describe how this drawing could be improved.

4. Redraw the heating setup correctly in the space below.