

Engineering Drawing [paper code ME 208]

June-July 2021

Engineering Drawing[ME 208]

Presented by : DM

Technology Campus, University of Calcutta, Kolkata-700106, India

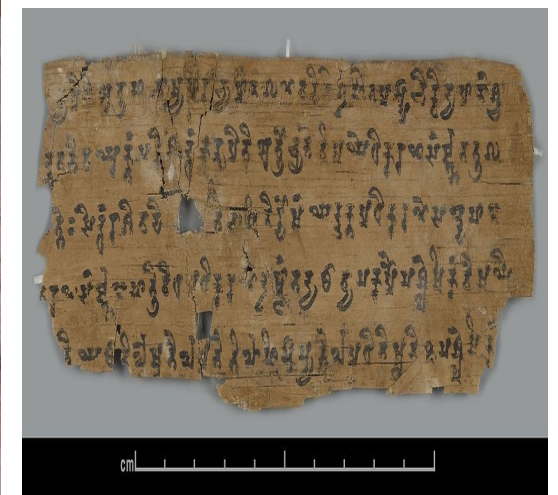
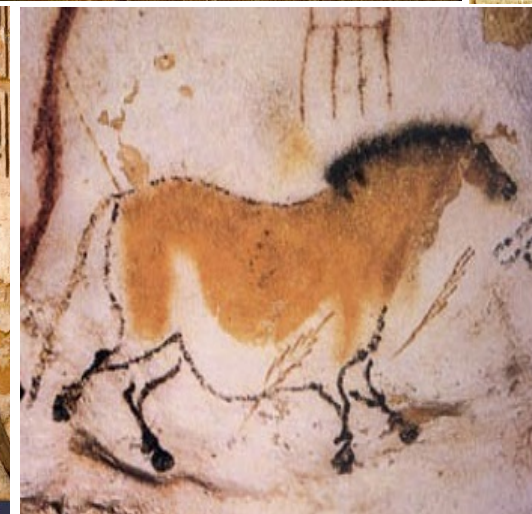
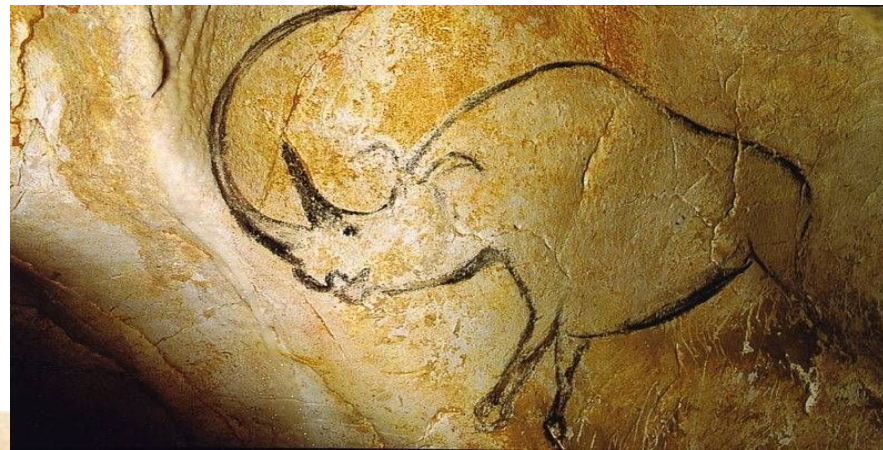
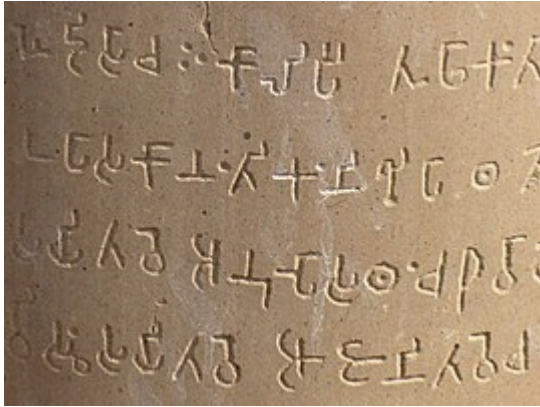
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Engineering Drawing-Language of Engineers, It's Importance and application

Communication of ideas and thoughts:

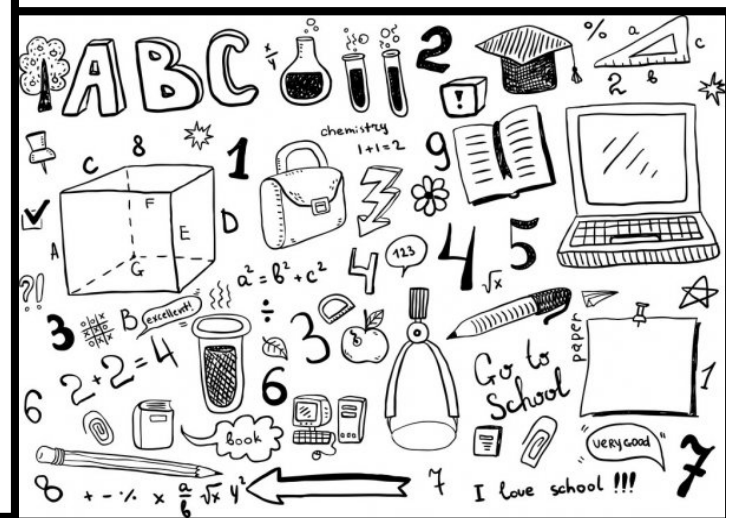
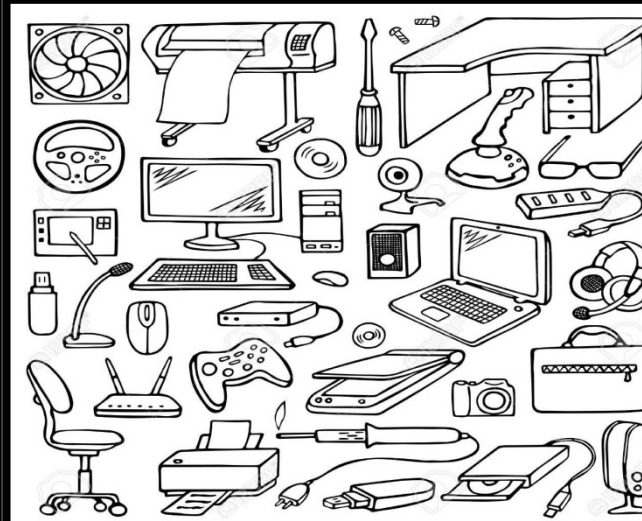
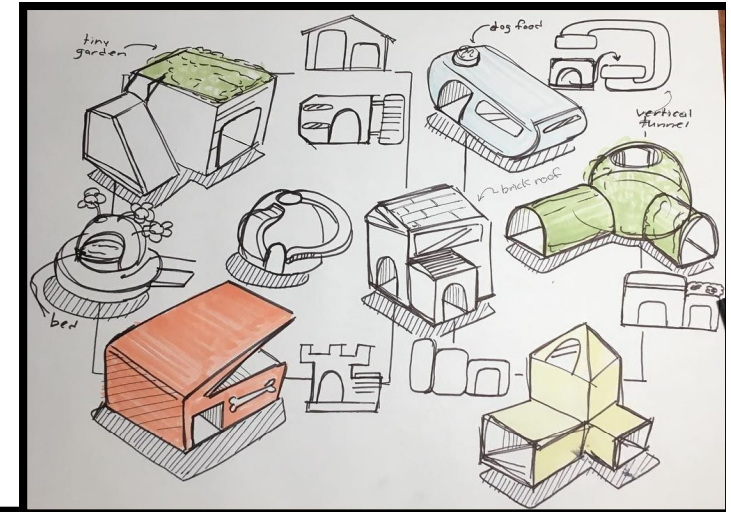
- The communication of ideas through sketches is an age-old practice of mankind, even before we learn how to write the formal scripts.



Engineering Drawing-Language of Engineers, It's Importance and application

Communication of ideas and thoughts:

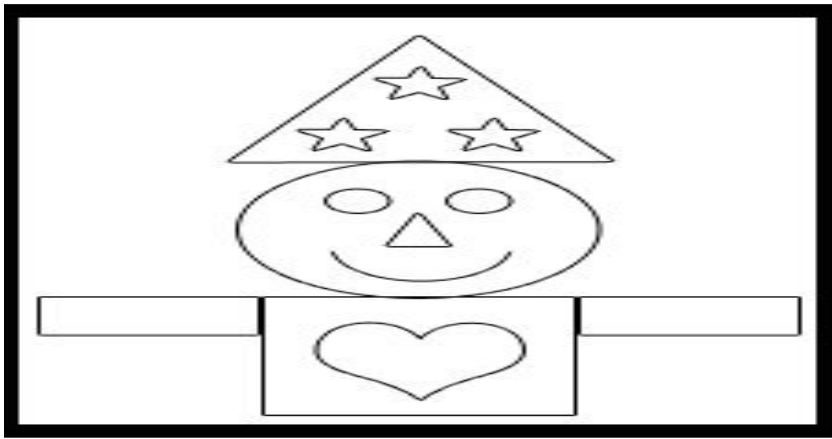
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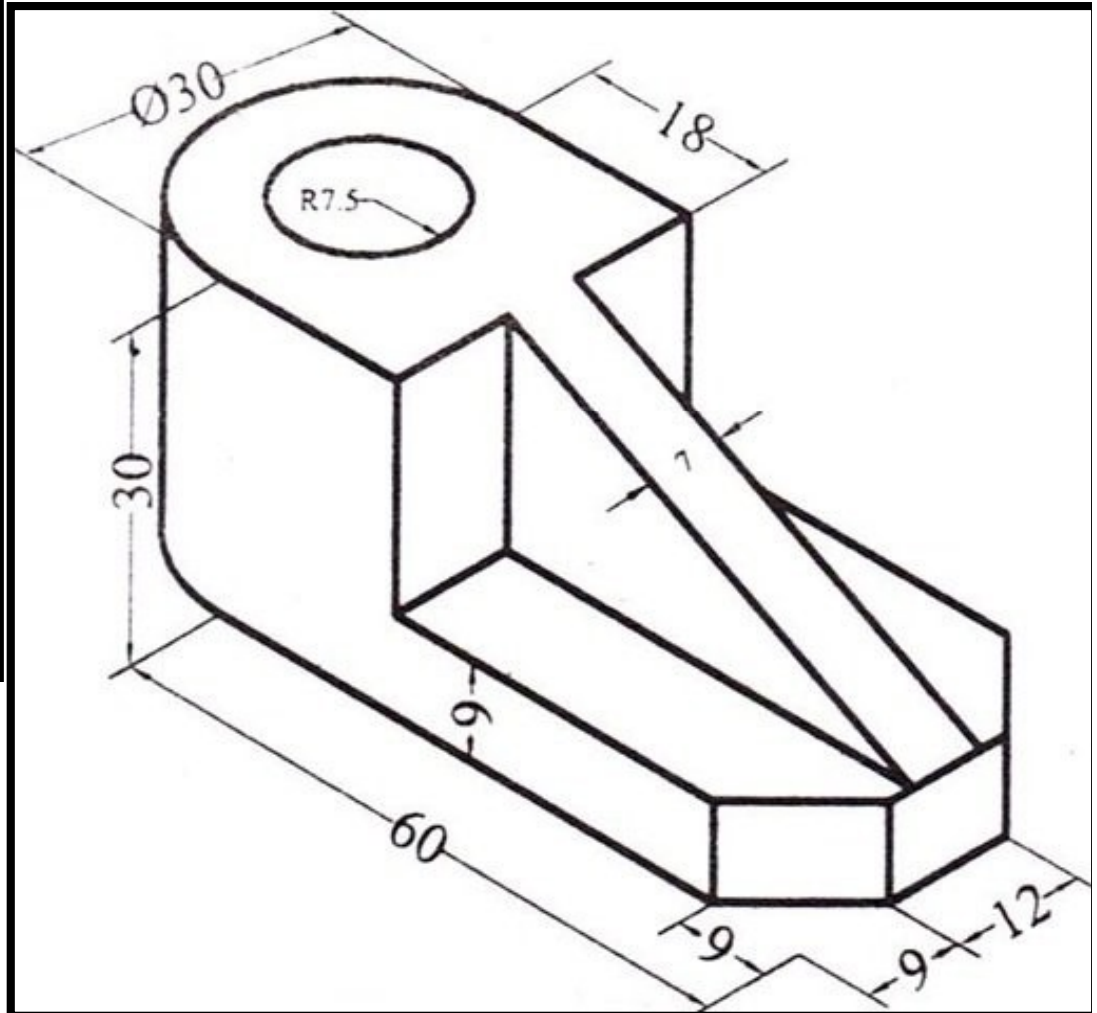
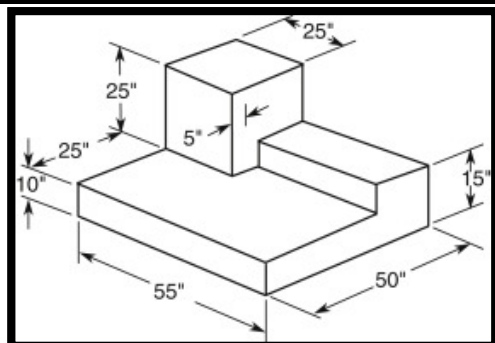
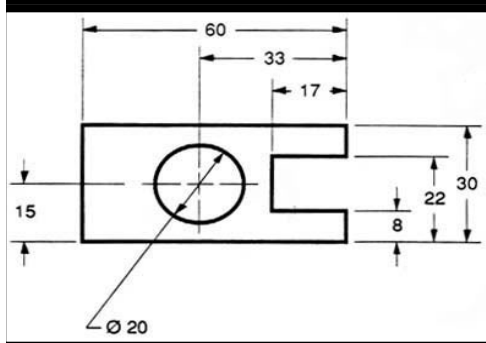
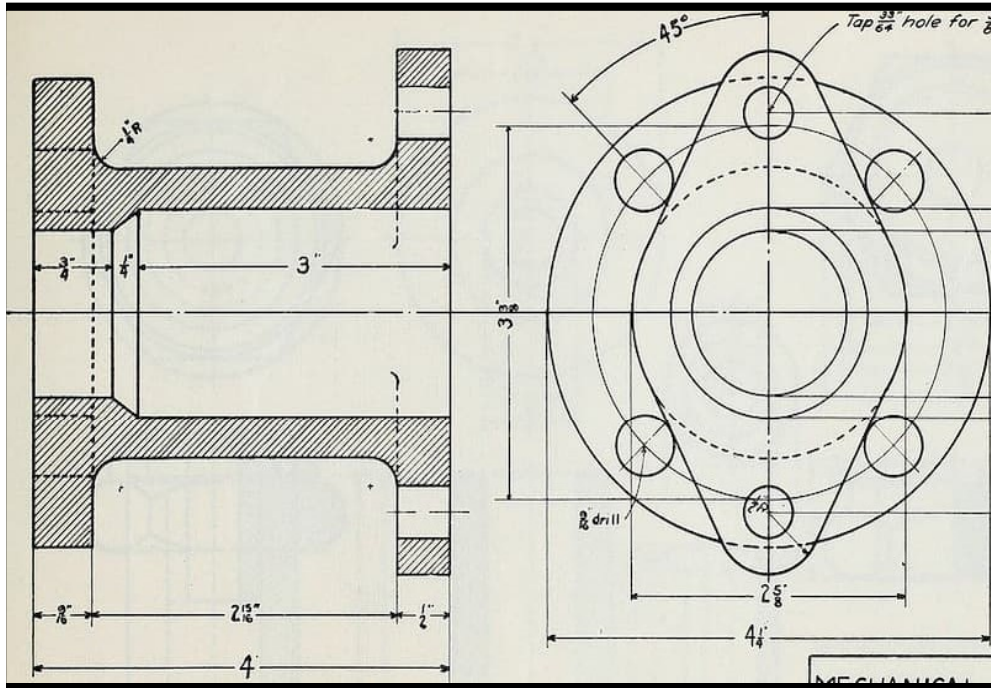
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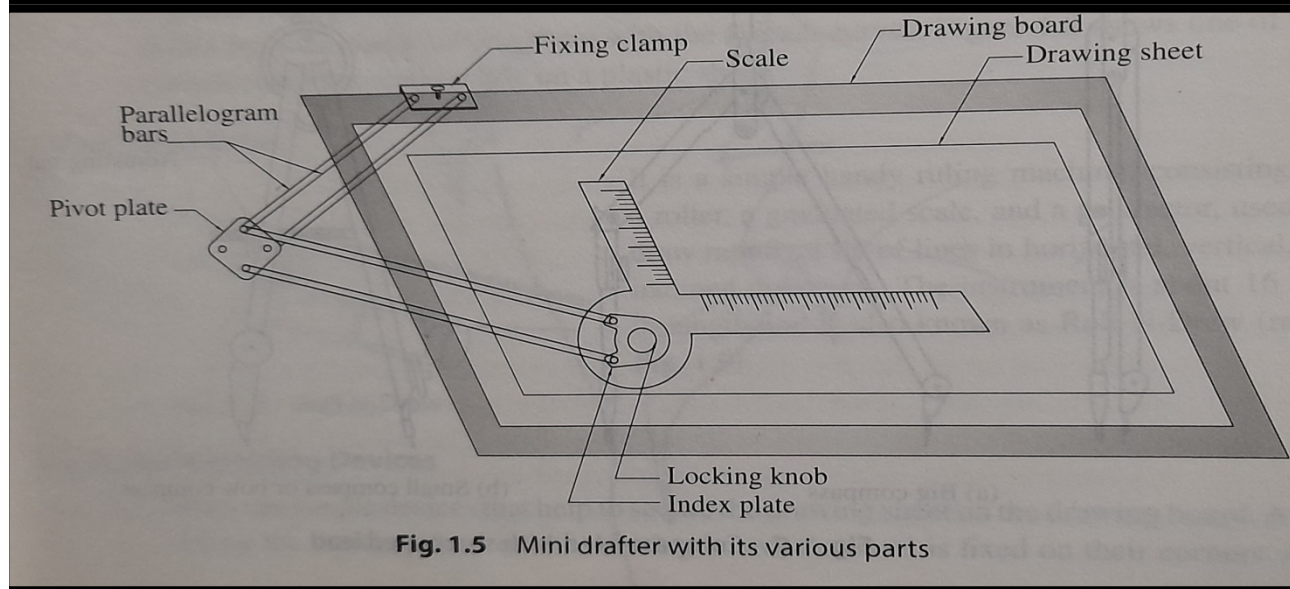
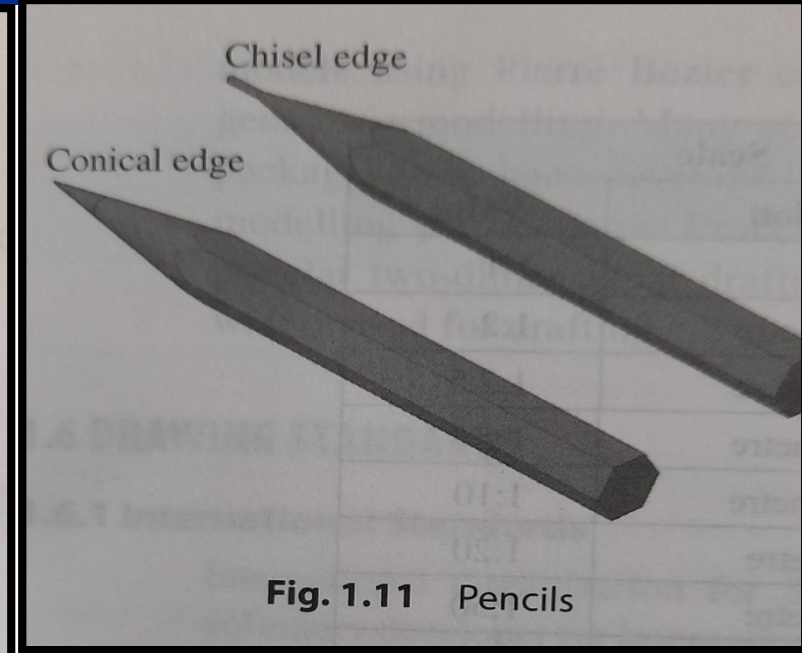
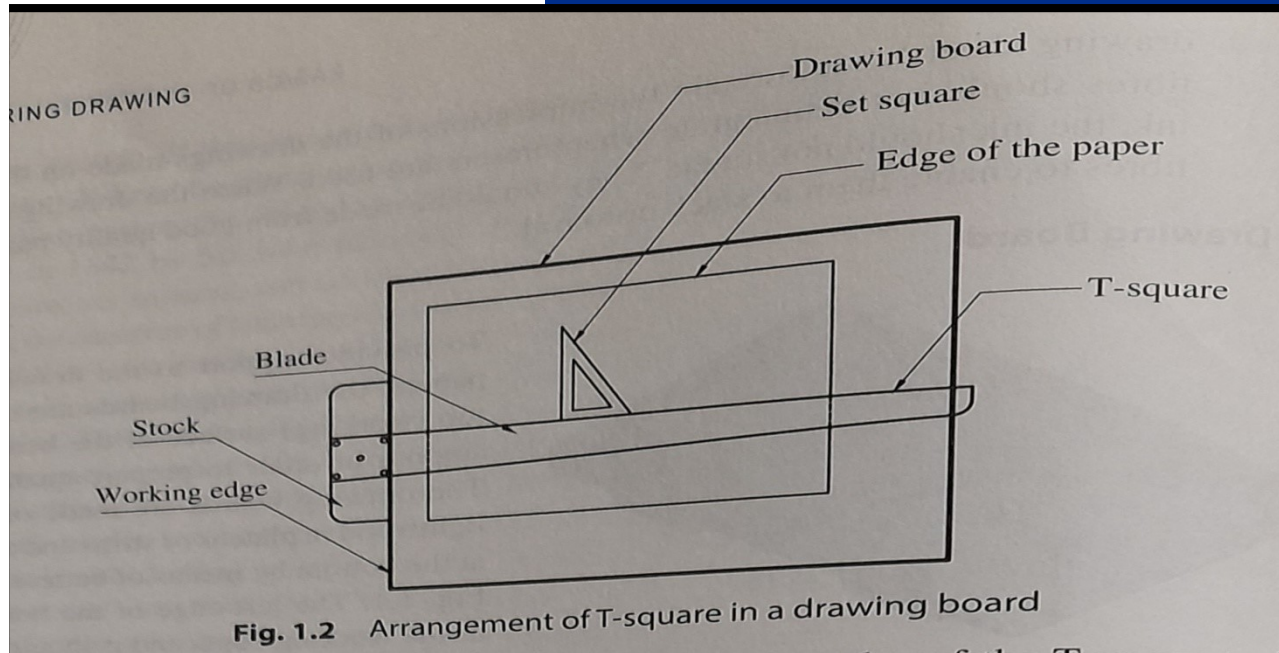


Engineering Drawing-Language of Engineers, It's Importance and application

Engineering Drawings:



How to use Tee and Mini Drafter



Standard Drawing Board, Designation& Dimension

Table 1.4 Standard sizes of drawing boards

S. no.	Designation	Use of recommended drawing sheet	Length × width (dimensions are in mm)
1.	D0	A0	1500 × 1000
2.	D1	A1	1000 × 700
3.	D2	A2	700 × 500
4.	D3	A3	500 × 350

Standard Drawing sheets

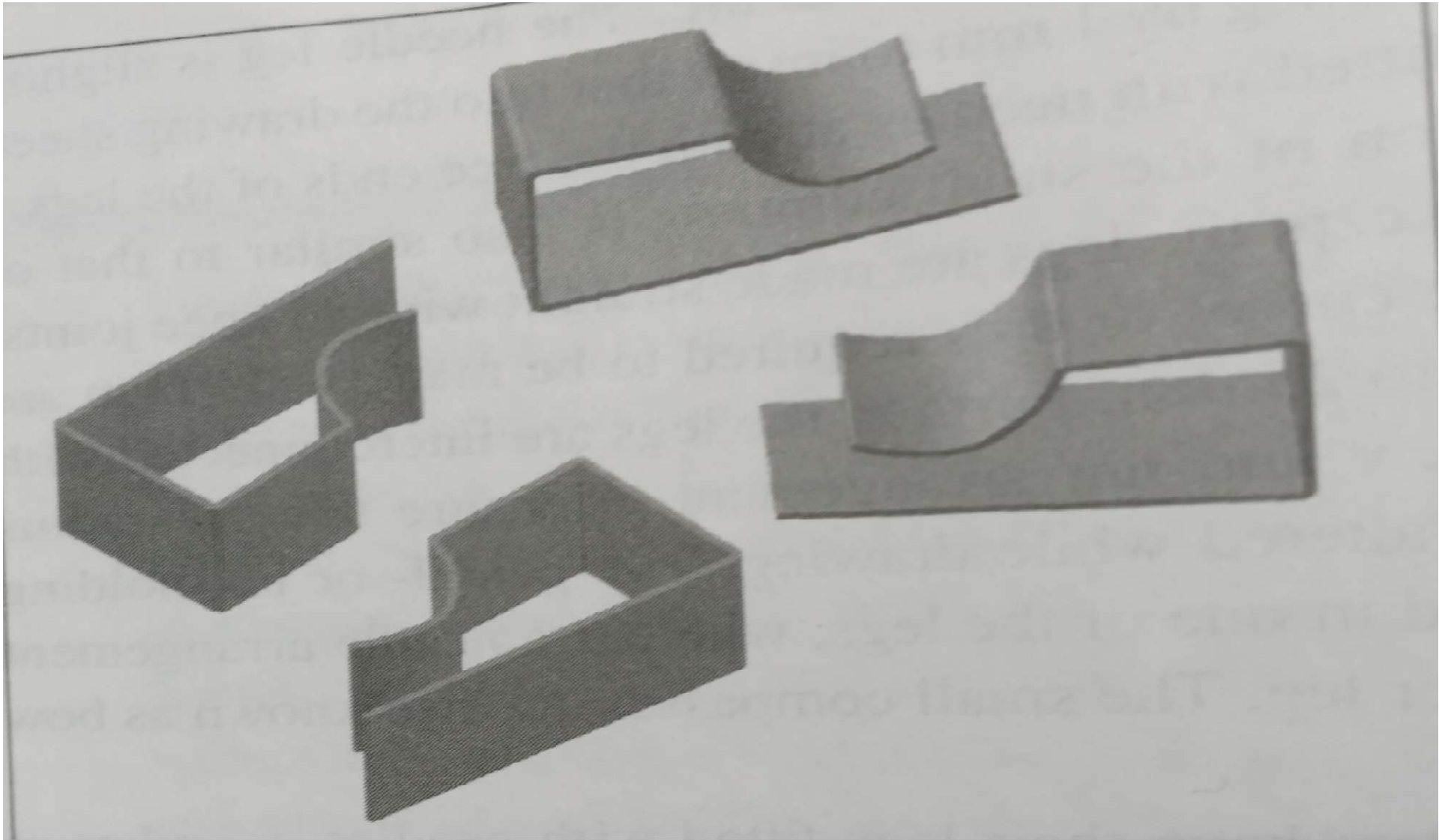
Size of Drawing Sheets

Table 1.3

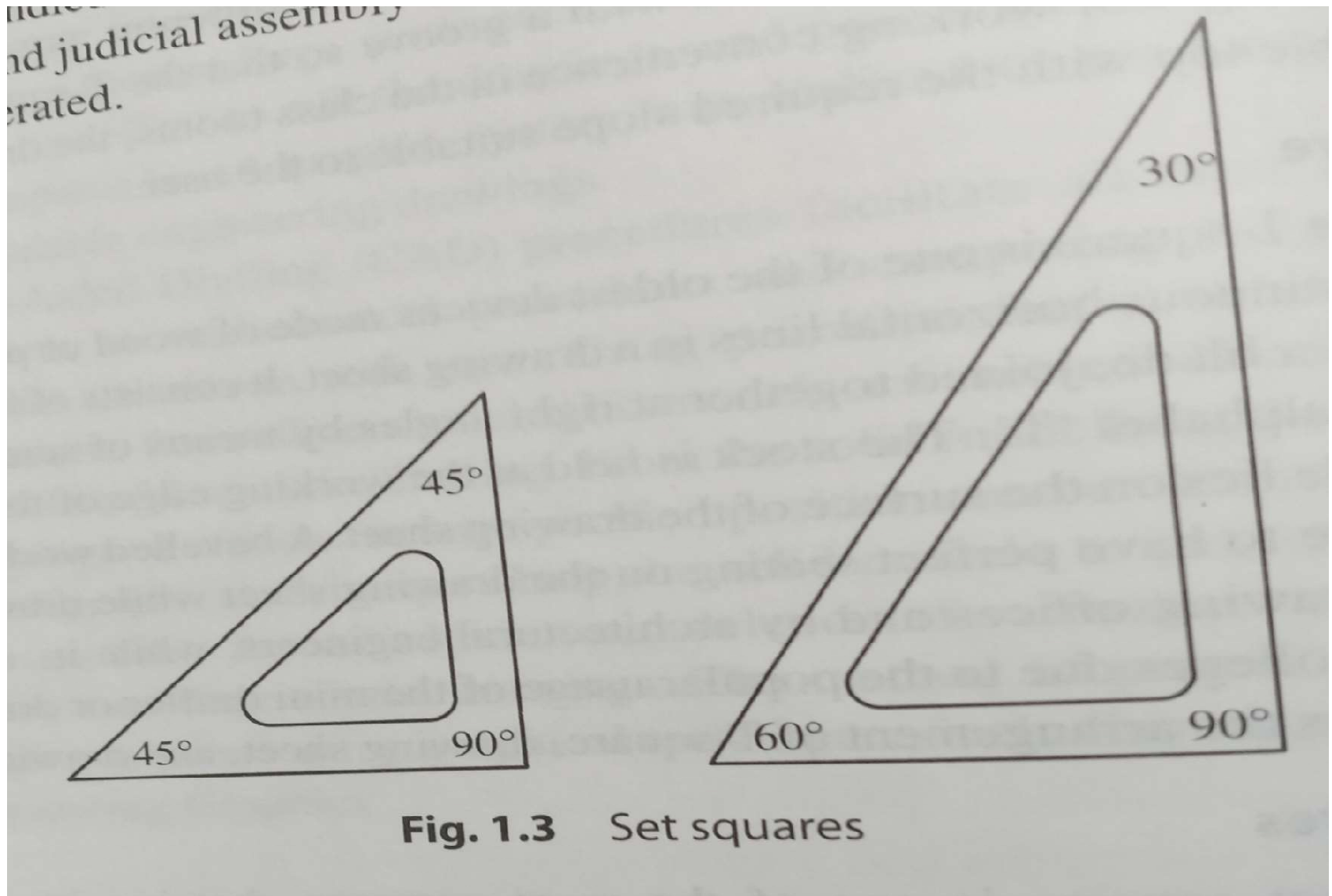
Different types of drawing sheets
(Main ISO-A series – SP.46.2003)

Sheet designation	Trimmed size (mm)	Untrimmed size (mm)
A0	841 × 1189	880 × 1230
A1	594 × 841	625 × 880
A2	420 × 594	450 × 625
A3	297 × 420	330 × 450
A4	210 × 297	240 × 330
A5	148 × 210	165 × 240

Board Clip



SET SQUARES



Examples

Table 1.4 Standard sizes of drawing boards

S. no.	Designation	Use of recommended drawing sheet	Length × width (dimensions are in mm)
1.	D0	A0	1500 × 1000
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Drawing Board

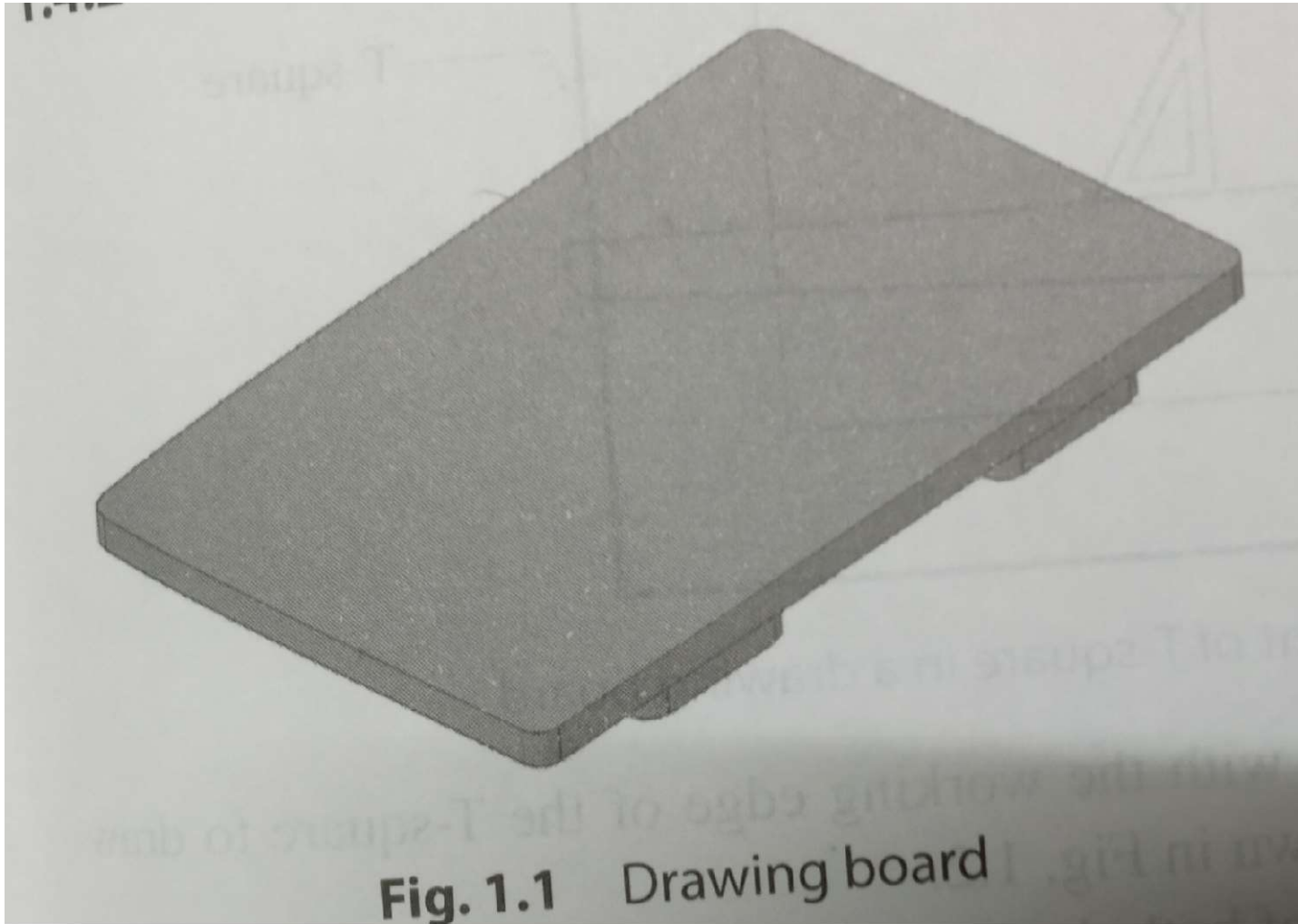


Fig. 1.1 Drawing board

Drawing Board

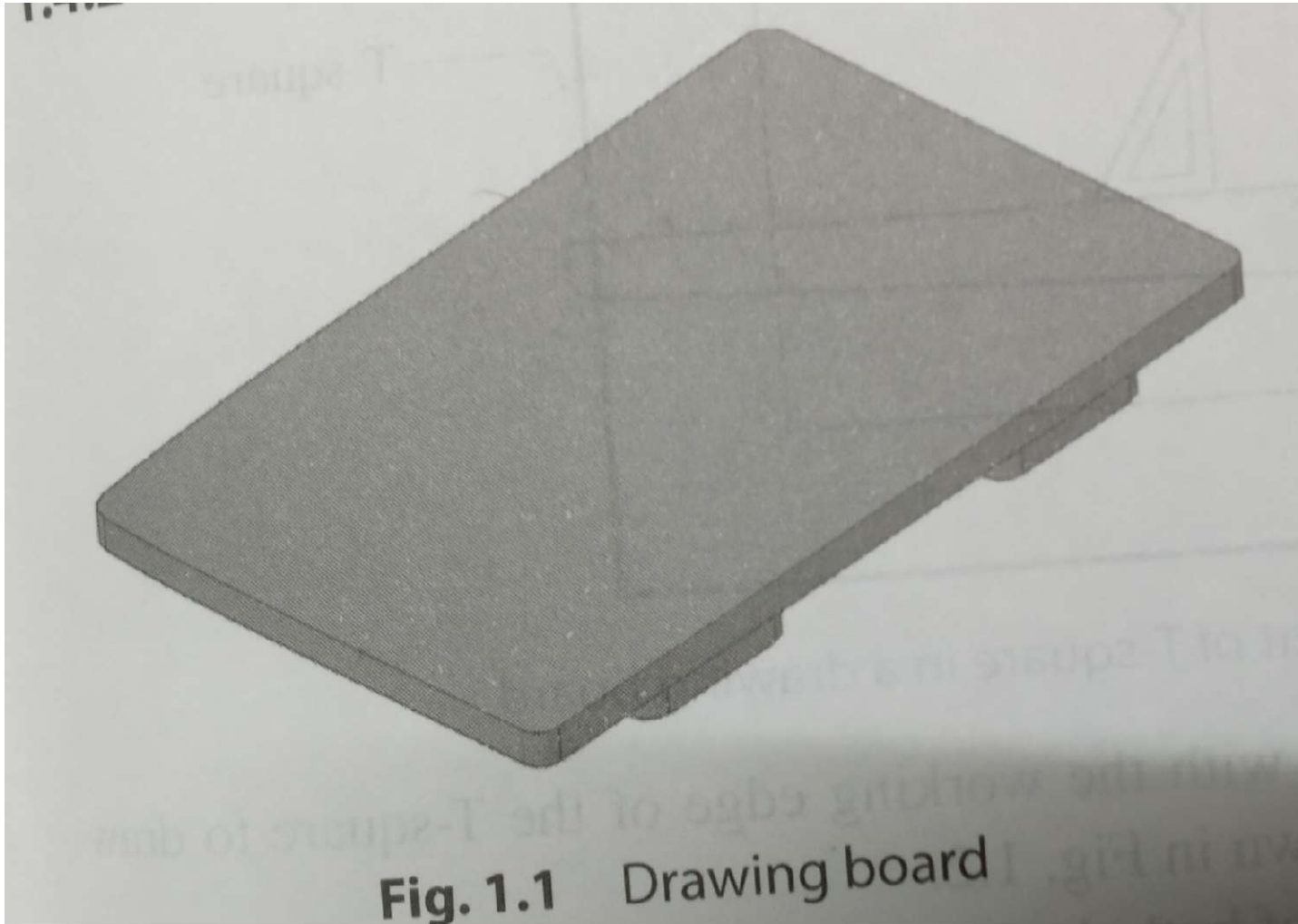
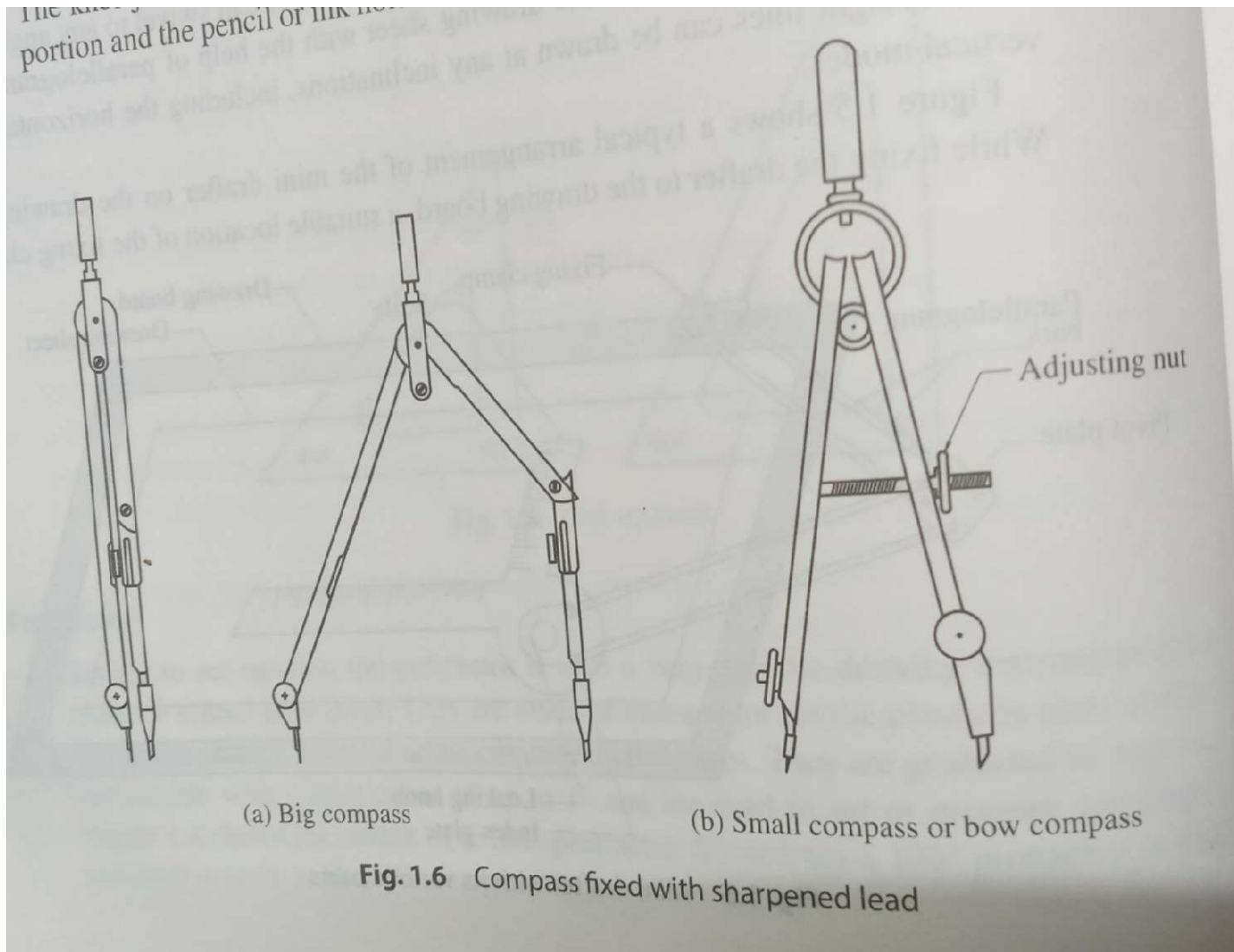
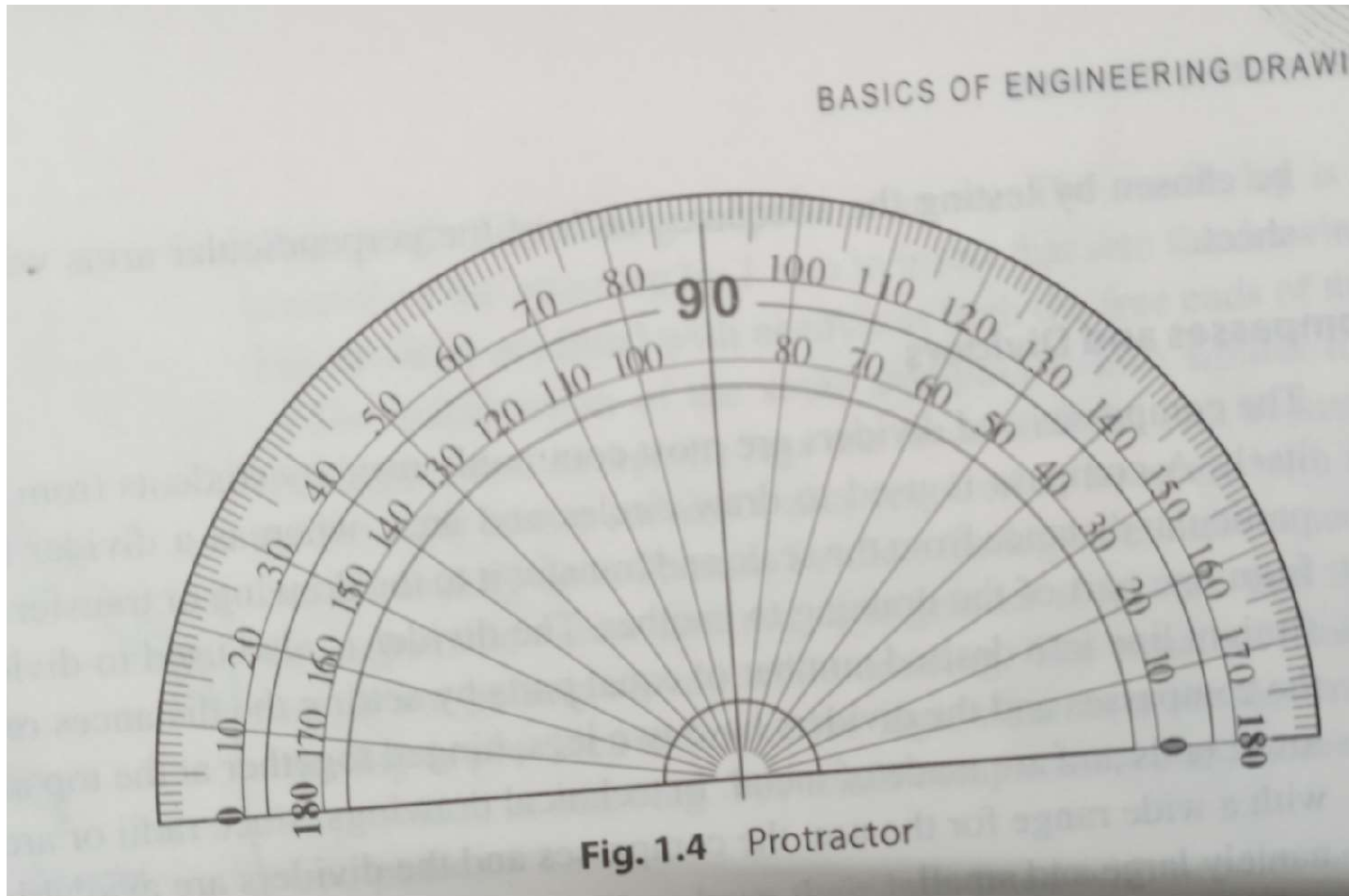


Fig. 1.1 Drawing board

Compass



Protractor



Divider

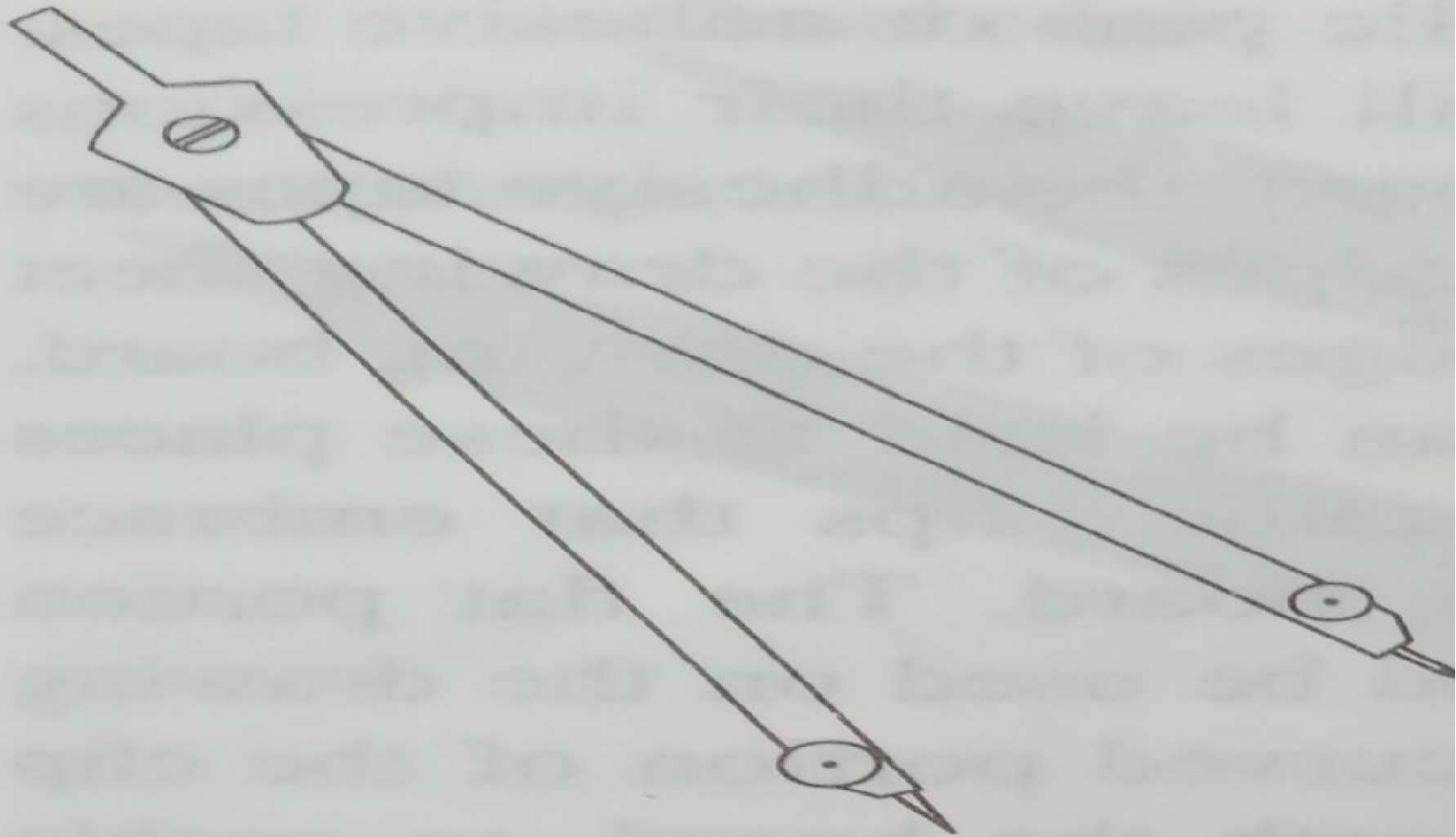


Fig. 1.7 Divider

Thank You...

Q&A

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