

STRUCTURE

Figure 1: A 3D perspective view of a truss structure. The structure consists of a rectangular frame with a diagonal member. The top horizontal member is labeled 'Top Chord', the bottom horizontal member is labeled 'Bottom Chord', and the diagonal member is labeled 'Diagonal'. The vertical members are labeled 'Verticals'. The structure is supported by a pin support at the bottom left and a roller support at the bottom right.



Table 1: Truss Members and Joints

Member	Joint 1	Joint 2
Top Chord	1	2
Bottom Chord	3	4
Diagonal	1	4
Verticals	1	3
	2	4

Table 2: Truss Joints and Members

Joint	Member 1	Member 2	Member 3
1	Top Chord	Diagonal	Verticals
2	Top Chord	Verticals	
3	Bottom Chord	Verticals	
4	Bottom Chord	Diagonal	Verticals

Figure 2: A 3D perspective view of a truss structure. The structure consists of a rectangular frame with a diagonal member. The top horizontal member is labeled 'Top Chord', the bottom horizontal member is labeled 'Bottom Chord', and the diagonal member is labeled 'Diagonal'. The vertical members are labeled 'Verticals'. The structure is supported by a pin support at the bottom left and a roller support at the bottom right.



Table 3: Truss Members and Joints

Member	Joint 1	Joint 2
Top Chord	1	2
Bottom Chord	3	4
Diagonal	1	4
Verticals	1	3
	2	4

Table 4: Truss Joints and Members

Joint	Member 1	Member 2	Member 3
1	Top Chord	Diagonal	Verticals
2	Top Chord	Verticals	
3	Bottom Chord	Verticals	
4	Bottom Chord	Diagonal	Verticals