

STRUTS, TIES AND FORCES

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On behalf of The World Association of Technology Teachers

W.A.T.T.



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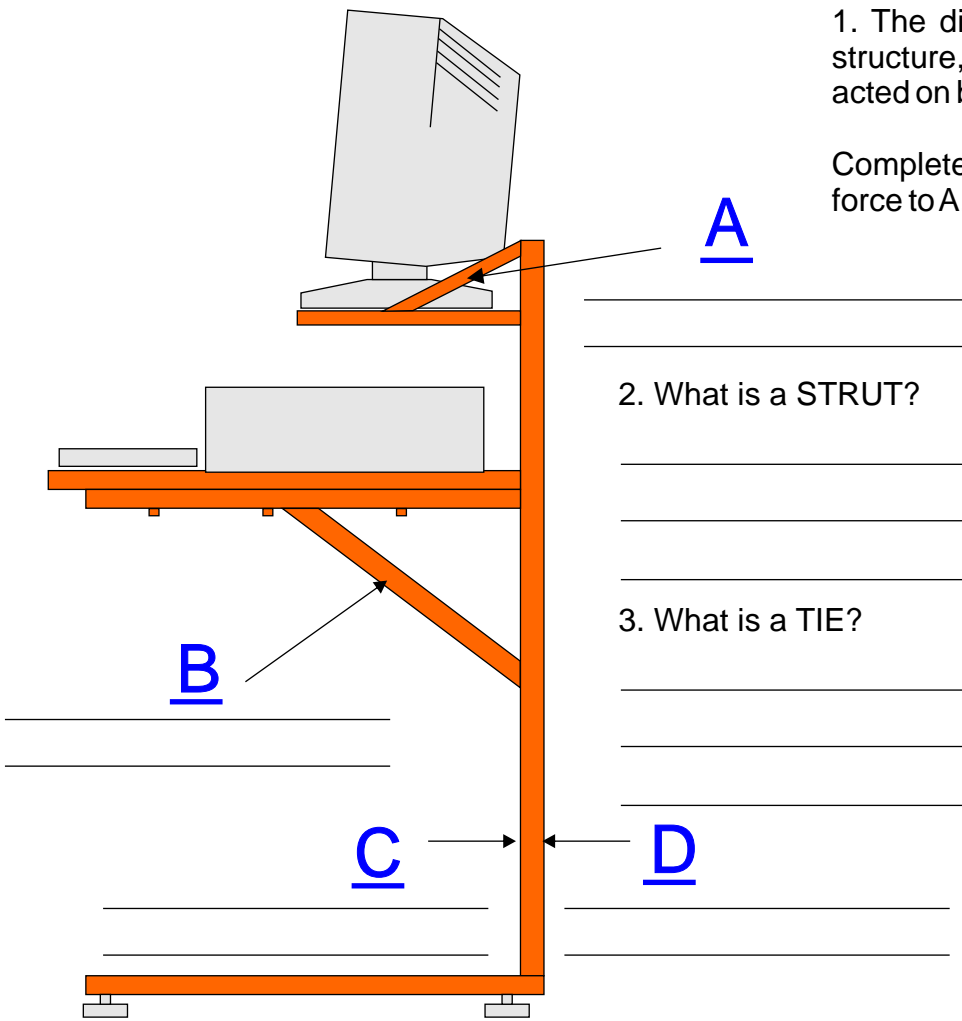
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FORCES IN ACTION

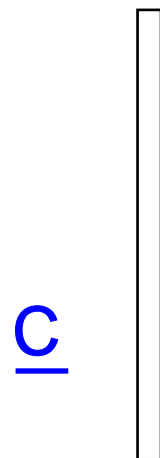
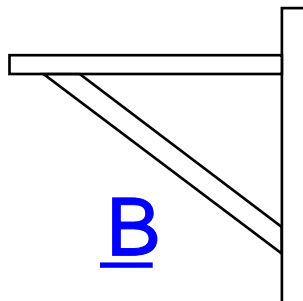
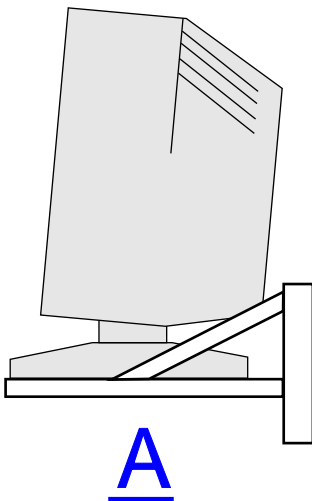
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1. The diagram of the computer desk is a structure, with parts A, B, C, and D, each acted on by a 'force'.

Complete the diagram by adding the name of force to A, B, C and D



4. The diagrams below, are of parts of the computer desk, that are acted on by different forces. Draw arrows on each of the diagrams, to represent each of the forces, you named in question 1.



5. Draw a piece of furniture and label the struts and ties. With the aid of more detailed diagrams explain the forces acting on each of the important members/parts.