1. Identify the type of stress in each case.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

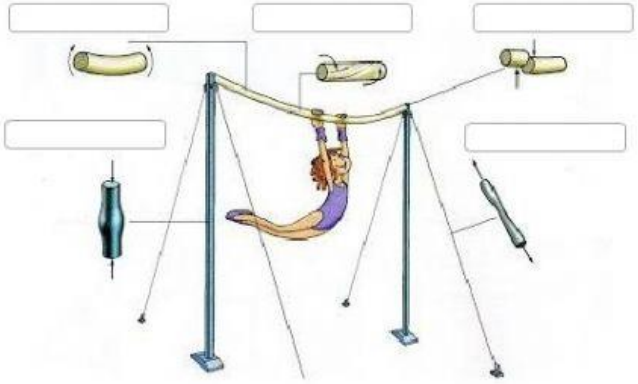
16. _____

17. _____

18. _____

LIVEWORKSHEETS

2. Drop the stress in the correct place.



Tension Bending Torsion Compression Shear

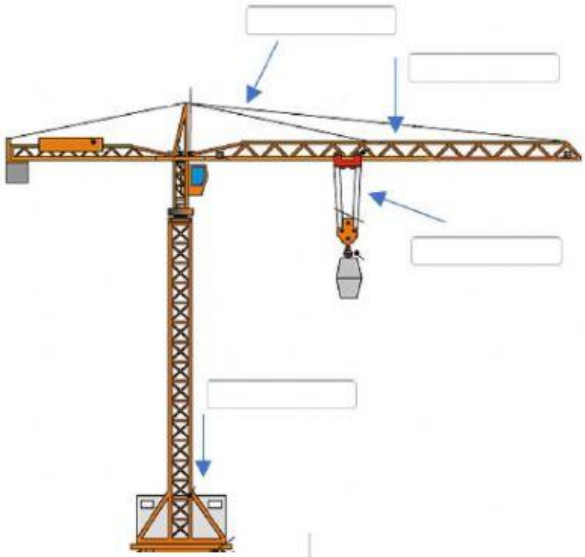
3. Select the stress that these three elements support in this structure.

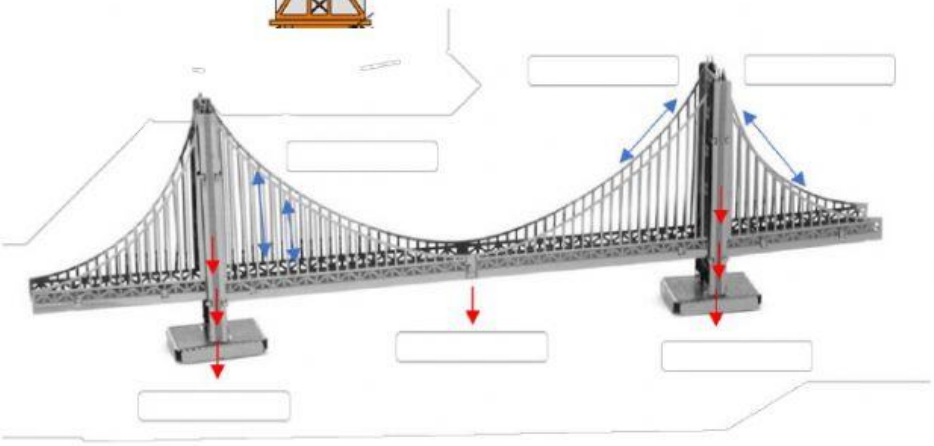
Column

Beam

Foundation

4. Indicates which stress are involved in the following structures:





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5. Join the word with the definition.

Compression	This is caused by forces acting on a body that tend to stretch it.
Bending	This is caused by two equal forces applied in opposite directions that tend to cut it.
Tension	This is caused by forces acting on a body that make it twist.
Torsion	This is caused by forces acting on a body that tent to shorten the object.
Shear	This is caused by forces acting on an element that make it curve or bend

LIVEWORKSHEETS