**Forces that Can Act on Structures**

**Key Ideas:**

* A force is a \_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_.
* Forces can act on structures. They are classified as either\_\_\_\_\_\_\_\_\_ forces (ex. wind, gravity) or \_\_\_\_\_\_\_\_\_ forces (shear, tension, compression, and torsion) .
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (size), \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and point and plane of application influence how forces affect structures.

**Note taking Exercise**

Read over the text excerpt. Rewrite headings as questions *(How? What? Why? Where?)* and complete the chart with the answers to your questions:

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| --- | --- |
| Heading / Questions | Answers explained in point form notes |
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|  |  |
| Heading / Questions | Answers explained in point form notes |
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