Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Forces in a Structure 9.1

Pearson 10 Science

*Match the terms to their definitions, by writing the number of the correct definition in the box.*

|  |  |  |  |
| --- | --- | --- | --- |
|  | TERM | DEFINITION |  |
|  | Compression | 1. Concrete, brick, marble, steel, aluminium |  |
|  | Balanced Force | 2. measure of how concentrated a force is on material |  |
|  | Tension | 3. Forces that are squashing down on a material |  |
|  | Unbalanced forces | 4. Breaking, snapping or crumbling of material |  |
|  | Failure | 5. A push, pull or twist measured in N |  |
|  | Stress | 6. Forces that are stretching a material |  |
|  | Force | 7. All forces are equal and overall a zero force |  |
|  | Substances used in structures | 8. Forces do not cancel each other, overall force exists, causing a change |  |

Year 10 Science – Physical Sciences

**Year 10 Physics Vocabulary Mini Quiz**

**Forces in a Structure 9.1**

*Write the correct term on the line next to each definition*

|  |  |  |  |
| --- | --- | --- | --- |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. | Forces do not cancel each other, overall force exists, causing a change |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. | A push, pull or twist measured in N |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 3. | Forces that are squashing down on a material |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. | measure of how concentrated a force is on material |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 5. | Breaking, snapping or crumbling of material |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 6. | Forces that are stretching a material |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 7. | All forces are equal and overall a zero force |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 8. | Concrete, brick, marble, steel, aluminium |
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|  |  |  |  |
| --- | --- | --- | --- |
| 3 | Compression unbalanced force | 1. | Forces do not cancel each other, overall force exists, causing a change |
| 7 | Balanced Force Force | 2. | A push, pull or twist measured in N |
| 6 | Tension Compression | 3. | Forces that are squashing down on a material |
| 8 | Unbalanced forces Stress | 4. | measure of how concentrated a force is on material |
| 4 | Failure Failure | 5. | Breaking, snapping or crumbling of material |
| 2 | Stress Tension | 6. | Forces that are stretching a material |
| 5 | Force Balanced Force | 7. | All forces are equal and overall a zero force |
| 1 | Substances used in structures  Substances used in structures | 8. | Concrete, brick, marble, steel, aluminium |