structures and forces crossword

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|  |  |  |  |  | 4  U |  |  |  |  |  | 5  A |  |  |  | I |  |  |  | L |
|  |  |  | 6  T | E | N | S | I | O | N |  | R |  | 7  C | O | L | A | P | S | E |
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|  | 8  K | E | Y | S | T | O | N | E |  |  | H |  | 9  F |  | N |  |  |  |  |
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|  |  |  |  | 11  C | E | N | T | E | R | O | 12  F | G | R | A | V | I | T | Y |  |
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| **Across**  **2.** a wave like shape  **6.** concert is weak to  **7.** there are different ways to \_\_\_\_\_\_\_ a structure  **8.** what is the top an arch called  **10.** one of the strongest shapes  **11.** thrust line runs from this?  **13.** a structure is more stable if their \_\_\_\_ is closer to the ground  **14.** used to spread the load of the structure  **15.** a firm surface below soil | **Down**  **1.** mass distribution is important to a structure being?  **3.** used to carry the weight of a structure and are sunk deep into the ground  **4.** dry soil is very \_\_\_\_\_\_\_\_  **5.** a rounded structure like an N  **9.** a part of a lever where the force is reduced  **12.** \_\_\_\_\_\_\_\_ is a force that rubs and slows things down |