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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Catapult

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|  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **2.** energy that is stored  **5.**  to rub together and slow down.  **7.**  A measure of the rate of doing work.  **11.**  the influence that produces a change.  **14.**  the property of a body that causes it to have weight in a gravitational field.  **15.**  a bar used to lift an object.  **16.**  the amount of energy transferred by a force.  **17.**  energy that is moving  **19.**  A device used to give a mechanical advantage.  **20.**  a turning or twisting force.  **21.**  the point on which a lever rests or turns.  **22.**  a high powered crossbow that hurled missiles long distances. | **Down**  **1.**  the tightness or stiffness of a rope.  **3.**  a weapon used to firing rocks over walls.  **4.**  a weight that balances another weight.  **6.**  the path to a target.  **8.**  to cause a reaction.  **9.**  is the rate at which work is performed.  **10.**  something that is carried or applied  **12.**  Twisted rope used in catapults to store tension.  **13.**  worked by dropping a great weight that was attached to the short end of a long lever-arm.  **18.**  to push something suddenly or hard. |