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

Catapult

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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.  |