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

Simple Machines

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|  |  |  |  |  |  |  |  |  | 1  M |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 2  L | E | V | E | R |  |  | 3  R |  |  |  |  |
|  |  |  |  |  |  |  |  |  | C |  |  |  | 4  I |  | U |  |  |  |  |
|  |  |  |  |  |  |  |  |  | H |  |  |  | N |  | B |  |  |  |  |
|  |  |  |  |  |  |  |  |  | A |  | 5  E |  | C |  | E |  |  |  |  |
|  |  |  |  |  |  |  |  |  | N |  | N |  | L |  | G |  |  |  |  |
|  |  |  |  | 6  M |  |  |  |  | I |  | E |  | I |  | O |  |  |  |  |
|  |  |  |  | O |  |  | 7  J |  | C |  | R |  | N |  | L |  |  |  |  |
|  |  |  |  | V |  |  | O |  | A |  | G |  | E |  | D |  |  |  |  |
|  |  |  |  | E |  | 8  P | U | L | L | E | Y |  | D |  | B |  |  |  |  |
|  |  |  |  | M |  |  | L |  | A |  |  |  | P |  | E |  |  |  |  |
|  |  |  | 9  W | E | D | G | E |  | D |  | 10  F | U | L | C | R | U | M |  |  |
|  |  |  |  | N |  |  |  |  | V |  |  |  | A |  | G |  |  |  |  |
|  |  |  |  | T |  |  |  | 11  M | A | C | H | I | N | E |  |  |  |  |  |
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|  |  |  |  | 12  W | H | E | E | L | A | N | D | A | X | L | E |  |  |  |  |
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| **Across**  **2.** Bar that is free to move around a fixed point  **8.** Lever that rotates around a fixed point  **9.** Inclined plane that moves  **10.** Fixed point around which lever rotates  **11.** device that helps you do work  **12.** Simple machine made up of two circles  **13.** Combination of inclined plane and cylinder | **Down**  **1.** force gained by using machine  **3.** Complex machine that performs simple task  **4.** Simplest machine  **5.** capacity to do work  **6.** for it to be work in physics, this must happen  **7.** unit of work, Newton-meter |