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

Structures and Mechanisms

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| R | A | C | K | A | N | D | P | I | N | I | O | N | T | J | V | R | X | R | E | Y | C | J | C |
| V | F | Q | A | L | I | H | D | K | L | F | O | R | C | E | Z | J | K | B | K | Q | Y | Z | U |
| Z | L | J | G | F | A | G | L | K | Z | D | I | R | E | C | T | I | O | N | A | A | I | Z | P |
| L | C | B | N | U | M | S | C | X | I | S | R | P | C | S | T | K | O | M | H | F | J | E | V |
| O | P | G | D | V | G | U | H | L | I | F | T | S | T | I | Z | W | U | E | X | J | F | C | F |
| A | D | E | O | S | C | I | L | L | A | T | I | N | G | M | U | B | T | C | M | E | V | X | J |
| D | R | F | F | U | I | Z | T | F | U | Z | R | D | B | P | X | P | P | H | E | T | E | T | C |
| G | W | F | V | X | E | W | F | X | B | P | H | I | K | L | C | H | U | A | U | O | T | W | L |
| F | H | O | S | T | R | U | C | T | U | R | E | S | W | E | T | L | T | N | R | E | N | Q | O |
| F | E | R | W | S | V | C | G | E | G | J | H | T | O | M | X | T | D | I | W | T | U | B | C |
| C | E | T | D | F | H | U | O | P | S | B | U | A | R | A | S | G | P | C | E | I | E | D | K |
| W | L | S | X | Z | I | V | M | G | O | E | Q | N | M | C | O | U | K | A | M | Q | N | C | P |
| M | M | A | N | X | N | O | O | F | N | Y | A | C | G | H | Z | Y | Y | L | P | P | E | D | E |
| E | J | C | P | R | P | D | T | J | F | G | E | E | E | I | R | O | T | A | R | Y | R | E | N |
| C | D | Q | U | A | U | S | I | K | J | X | K | K | A | N | F | F | N | D | A | Z | G | J | D |
| H | Z | S | F | X | T | Z | O | T | O | H | N | G | R | E | F | C | B | V | O | W | Y | L | U |
| A | R | D | O | E | S | V | N | K | Q | S | I | D | N | S | O | P | U | A | F | Z | A | L | L |
| N | S | V | J | L | M | S | D | T | H | H | W | O | R | K | F | Q | L | N | B | N | K | I | U |
| I | I | X | L | H | G | P | Q | F | W | R | L | E | A | F | J | L | I | T | H | U | B | N | M |
| S | B | F | F | C | V | E | P | L | Z | A | S | E | Q | T | X | V | V | A | D | G | V | E | R |
| M | A | P | U | L | L | E | Y | S | U | U | R | M | Z | C | H | A | N | G | E | S | B | A | M |
| D | T | H | D | G | X | D | H | Y | N | I | D | C | C | M | S | C | U | E | M | J | L | R | N |
| W | D | Z | X | I | M | T | N | W | Q | W | G | Y | N | A | T | L | J | C | A | O | U | O | O |
| A | G | L | E | X | E | R | T | I | O | N | L | S | J | T | W | U | Y | F | O | E | C | I | E |

   direction       distance       effort       motion       clock pendulum       rack and pinion       oscillating       change       energy       simple machines       axel       rotary       output       input       speed       mechanical advantage       force       load       exertion       wheel       lift       worm gear       linear       structures       work       mechanism       pulleys