Name: $\qquad$ Date: $\qquad$
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## Waves, Light, and Sound

electromagnetic-wave
longitudinal-wave
ultraviolet-wave
mechanical-wave
transverse-wave
infrared-wave
compression
rarefaction
transparent


refraction
amplitude
frequency
intensity
decible
opaque
pitch

| S | W | T | R | L | R | K | K | M | E | C | H | A | N | I | C | A | L | W |  | V |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| O | M | G | E | E | T | O |  | G | Y | U |  | L |  | G |  | Z | R | M | Z | Y | Y |  |  |
| N | B | J | L | V | Q | S | F | T | A | J | X | P |  | N | H | U | R | N | V | M | S | A |  |
| O |  | L | O | A |  | L |  | Z |  | Q | B | J |  | U |  | V | X | E | Q | W | B |  |  |
| I | L | O | N | W | E | S | U | U | Q | A | J | I | R | Y | D | S | M | B | C | N | J | N |  |
| S | X | K | G | T | N | V | P | T | M | E | T | R |  | D |  | O | W | A |  | E | P |  |  |
| S | H | O | I | E | X | G | A | P | X | C | V | L |  | R | K | D |  | H | X | V | B |  |  |
| E | K | U | T | L |  | E |  | W |  | T |  | A |  | S |  | A |  | E |  | T |  |  |  |
| R | Z | N | U | O | Y | T | U | R | C | X | F | D | W | Y | K | E | D | B |  | 0 | F |  |  |
| P | I | W | D | I | Z | T |  | B |  | I |  | W |  | D |  | C |  | H |  | D |  |  |  |
| M | I | A | I | V | J | E | Q | Y | J | J | T | N |  | R |  | Q | U | E | N | C | Y |  |  |
|  | U | E | N | A | R | G |  | Q |  | Z | F | E |  | R |  | R |  | T |  | L | Z |  |  |
| C | F | I | A | R | E | N | P | I | T | C | H | G | N | D | E | R | A | Y | W | R | J |  |  |
| I | K | I | L | T | G | C |  | E |  | X |  | Y |  |  |  |  |  |  |  |  |  |  |  |
| M | Z | P | W | L | Z | F | X | V | C | F | W | B |  | U | A | F |  | G | F | L | M |  |  |
| D | C | E | A | U | E | W |  | N |  | O |  | D |  |  |  | M |  | S |  | N |  |  |  |
| P | A | G | V | T | E | K |  | D |  | T |  | L |  | M |  | A |  | Y | N | A |  |  |  |
|  | B | F | E | W | C | Y |  | F |  | E |  | M |  | U |  | P |  | R |  |  |  |  |  |
| Z | S | Z | V | O | S | U | J | O | C | I | L | K | P | I | X | P | S | B |  | T | U |  |  |
| C | W | J | T | L |  | R |  | P |  | W |  | B |  | T |  | M |  | V |  | C | Z |  |  |
|  | T | V | W | Z | M | B | F | A | F | W | W | U | I | T | I | Q | L | A |  | Q | E |  |  |
|  |  | I |  | I |  | V |  | Q |  | W | T | U | X | C | K | P |  | D |  |  |  |  |  |
|  |  | U | V | V | B | M | U | U | F | M | A | Q | A | P | E | C |  | E |  | Z |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

