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

waves

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  | 2 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  | 9 |  |  |
|  |  | 10 |  |  |  |  |  | 11 |  |  |  |  |  |  | 12 |  |  |  | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 16 |  |  | 17 |  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****1.** Electromagnetic ractiation . part of the Em spectrum **4.** Wave passing through an object**7.** Waves that required a medium**10.** how fast an object moves**11.** A disturbance that transfers energy from place to place**12.** High point on a transverse wave.**14.** A wave that travel along the surface separating two media**15.** The bending or spreading of waves as they move around a barrier or pass through an opening**16.** Bending of waves due to change in speed**18.** The time for once cycle or a complete motion that returns to its staring point**19.** The distance between two corresponding parts of a wave**20.** Longitudinal waves that travel through a medium and cause your eardrum to vibrate | **Down****2.** The response of a standing wave to another wave of same frequency**3.** The maximum distance the medium vibrates from the rest position**5.** Vibrates the medium in the same direction in which the waves travels**6.** Particles are far apart on a longitudinal wave.**8.** Waves of energy traveling through rock**9.** Waves bounced back after hitting a barrier**13.** Low point on a transverse wave.**17.** Are transverse wave |