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|  | Question | Answer |
| 1 | What type of mechanical wave is sound? | longitudinal |
| 2 | How is sound created? | Vibrations creates sound. |
| 3 | Light waves are measured in \_\_\_\_\_\_\_\_\_? | nanometers |
| 4 | A lightbulb converts \_\_\_\_\_\_\_ energy into \_\_\_\_\_\_\_ energy. | Electrical/light |
| 5 | How do we use sonar? | To locate objects and create images in sonography. |
| 6 | Electromagnetic waves can travel through a vacuum and matter. | **True** |
| 7 | You can see an object like a book because it glows. | False light reflects off the book into your eyes. |
| 8 | What type of waves do cellphones use? | microwaves |
| 9 | Sound waves travel faster in gases than in solids. | False sound waves travel faster in solids than in gases. |
| 10 | Define pitch. | A pitch is how high or low the frequency of a sound wave is. |
| 11 | The image formed by a \_\_\_\_\_\_\_\_\_ looks like the object but it is reversed left to right. | Flat mirror |
| 12 | The image formed by a \_\_\_\_\_\_\_\_\_\_\_ is either right side up or upside down depending on where the object is placed. | Concave mirror |
| 13 | The \_\_\_\_\_\_ of the eye contains cells that allow you to see color. | retina |
| 14 | The \_\_\_\_\_\_\_\_ of the eye controls how much light is entered in the eye. | iris |
| 15 | The inner ear collects sound waves. |  False the outer ear collects sound waves. |