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Wave Behavior Crossword Puzzle

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| **Across****2.** When light moves from air to water, it \_\_\_\_\_\_\_\_\_\_\_ down.**6.** Sound waves can't travel through a vacuum because of a lack of \_\_\_\_\_\_ molecules.**8.** The more \_\_\_\_\_\_\_\_ an object is, the less light it will absorb. **9.** What type of reflection happens when rays of light hit an uneven surface?**10.** The bigger the wave length is in a wave, the smaller the \_\_\_\_\_\_\_\_\_ is. | **Down****1.** \_\_\_\_\_\_\_\_ happens when waves spread around an obstacle.**3.** What type of reflection happens when light hits a smooth surface?**4.** What is it called when light hits an object and bounces off it in all directions?**5.** Light \_\_\_\_\_\_\_\_\_\_ when it bends as it passes through a medium.**7.** \_\_\_\_\_\_\_\_\_ happens when photons from light hit atoms which then causes them to vibrate. |