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| The bending of a wave caused by a change in speed when moving from one medium to another is called - | The reason that objects under water appear to be closer to the surface than they really are is because of -  | The bending of a wave as it moves around an obstacle is called - |
| What happens to sound waves that causes us to hear an echo is because of - | A light or sound wave being bounced back from a surface is caused by - | What happens when water waves bend around rocks in the ocean is because of - |
| A girl drops a penny in the shallow end of a swimming pool. As she bends down to pick up the penny, she realizes that the penny is further away in the pool than it appears because of -  | When trying to spear a fish in water, a person needs to take into account the way light bends as it moves from water into air, which is called— | What happens to light waves reflecting off of a layer of oil that creates the different colors is because of - |
| Two waves reflect and interfere so perfectly that crests meet crests and troughs meet troughs is called - | What happens to light waves that allows us to see ourselves in a mirror is because of - | Two or more waves overlap and combine to form a new wave is called - |

*Directions: Label each example with one of the types of wave behavior:*

**Reflection Refraction Diffraction Interference**