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Gravity

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| **Across**  **2.** What is speed in a specific direction?  **5.** What is acceleration in circular motion?  **8.** What is a quanity that has both size and direction?  **9.** What is simply a push or a pull?  **10.** What is the management or guidance of someone or something?  **11.** What is the tendency of all objects to resist a change in motion? | **Down**  **1.** What is the rate at velocity changes?  **3.** What happens when gravity is pulling it down and no other forces are acting on it?  **4.** What is a force of attraction due to their mass?  **6.** What happens when an object travels around another object in space?  **7.** What is the combination of all forces acting on a object? |

   Gravity       Free Fall       Orbit       Force       Net force       Interia       Acceleration       Centripetal acceleration       Vector       Velocity       Direction