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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