**Speed & Momentum Crash Quiz**

1. Fill in the flow chart diagram below with the **steps of the engineering design process**.
Choose from the options provided below the diagram.



1. Ask to identify needs and constraints
2. Imagine possible solutions
3. Improve and redesign as needed
4. Research the problem
5. Create a prototype
6. Test and evaluate the prototype
7. Plan by selecting a promising solution
8. Describe **momentum**.
9. Describe the **relationship between mass and momentum**.
10. Explain the importance of using the **steps of the engineering design process** to solve real-world problems related to **momentum** **and collisions**.