

Name _____ Class _____ Date _____

The Four Forces of Flight

1. Which force of flight acts parallel to the relative wind?
2. Which force of flight acts perpendicular to the relative wind?
3. Which force of flight always acts in the direction of gravity?
4. Which force of flight usually acts parallel to the fuselage centerline?
5. What happens to an aircraft if it has more thrust than drag?
6. Graphical mathematical illustrations showing both direction and magnitude are called?
7. Placing a moving object into the airflow (like flaps) causes what type of drag?
8. What is friction drag?
9. What term is used to describe when a wing loses its lift capability?
10. What are the two type of shock waves?