

Week #2 Homework Questions

How Airplanes fly

1. What is the name of the force that moves the plane upward? _____
2. What is the name of the force that creates forward motion? _____
3. _____ is the force produced by the resistance of the air to the forward motion of the airplane.
4. What force is created by the pull of gravity toward the center of the earth? _____
5. Lift comes from what part of the airplane? _____
6. What type of flying machine is a rotary wing aircraft? _____
7. What are the two basic types of airplanes? _____

8. Propeller driven airplanes use a propeller that is turned by some sort of _____
9. What are most propellers made of today? _____
10. Do jet planes have propellers? _____ What law of motion does a jet engine illustrate? _____

