

Name: _____

Aviation and Space Transportation Review

Fill in the blank with the best answer.

Lighter than air vehicles that can be controlled both vertically and horizontally are known as _____.

The path taken by spacecraft circling the earth in space is known as an _____.

A _____ is a spacecraft with crew aboard.

Air transportation systems serving the armed forces of a country are called _____.

Point on Earth where the orbiting vehicle is farthest from the earth, we also took this measurement when we measured our rockets height: _____.

A vehicle designed to travel in the air is also known as an _____.

_____ are paths or routes that airplanes follow in the air.

The _____ is the area in an airplane that houses the controls and navigational instruments and where the pilot sits.

Space that is six miles above the earth is called _____.

_____ is the resistance of the air to the plane flying through it.

_____ are vehicles that travel beyond the earth's atmosphere.

A _____ is an aircraft with no propulsion unit and must be towed by an airplane to fly.

_____ is a condition that occurs when the force of gravity and other counter forces are equal.

A device used by astronauts for maneuvering outside spacecraft while the vehicle is in orbit is a _____.

The shape of an airplane's wing that causes lift is called : _____

*Should be able to draw

The _____ is a region of space from 50 to 300 miles above the earth's surface.

Name: _____

Travel service between countries is known as _____
_____. Examples?

A supporting structure for launching space vehicles is called
_____. There are two large ones in the US, do you
know where they are? You should!!!

Air transport that transports people from small airports to major airports are
called _____. Examples???

The _____ includes horizontal and vertical stabilizers as well as a
rudder.

_____ was a space satellite built by NASA in the late 1970's to
support scientific experiments and studies.

_____ is the upward force exerted by air under an airplanes wing.

Airline service involving transports from small airports with a specific region is
_____.

Any spacecraft with no crew aboard is called a _____.

Rotating wings used on a helicopter that provide lift are called _____
_____.

_____ is space that is around 10,000 miles above the
earth's surface.

A region ranging from 7 to 22 miles above the earth's surface is called the
_____.

The _____ is a region 50 miles above the earth that contains
the ozone layer.

_____ is the force produced by the plane's propulsion unit.

The main body of an aircraft that supports all other parts and cargo and
passengers is known as the _____.

A region of space extending from 500 to 1000 miles above the earth is called the
_____.

The _____ is a point during orbit when the orbiting vehicle is
closest to the earth.

Name: _____

Short Answer: Write down some notes explaining why these people, objects or events are important.

Wan-Who:

Robert Goddard

Whermer VonBraum

Explorer 1

Wright Brothers

Neal Armstrong

Chuck Yeager

Yuri Gargarin

Project Mercury

October 4th, 1957

V2 Rocket

Name: _____

Sir George Caylay

Otto Lilienthal

Project Gemni

Apollo Program

Apollo 11

Montgolfier Brothers

Scram Jet

SpaceShip One

Wing Designs (Swept, Delta)

Sound Barrier (Speed in mph)

Ornithopter

Camber
