

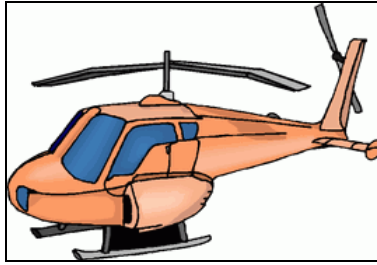
Flight week #4

p20-21, 24-27, 34-37

All About Aircraft and Flight

Homework

Motion/Flight Unit



1. A hot air balloon is simply a huge bag full of _____.
2. The first ever balloon passengers were a _____,
a _____, and a _____.
3. What was the name of the world's largest airship that crashed in 1937?

4. How many people can the largest passenger jet carry? _____
5. To make a car turn left or right, all you have to do is turn the steering wheel. How many sets of controls do you need to steer a plane? _____
6. Moving the airplane controls alters what? _____
7. (true or false) Many flight terms are borrowed from those used on a train.
8. How long does it take an airplane to reverse its course? _____
9. How much weight does a cruising airliner lose every hour as fuel is used up?

10. What converts the power of an aircraft's engine into thrust? _____

11. Most large modern aircraft are driven by _____.
12. Why can jet-propelled aircraft fly faster than propeller-driven ones?

13. What water animal uses jet propulsion? Its picture is on page 34. _____
14. Space rockets rely on jet _____ to fly.
15. Why is water a much better propellant than hot gas? _____

(please turn over to check the accuracy of your answers)

©2007 Kathy Pierson

1. hot air
2. Duck, sheep, cockerel
3. German Hindenburg
4. Over 500
5. Two
6. Surfaces on the plane's wings and tail
7. False
8. One minute
9. Three tons
10. propeller whirling at high speed
11. Jet engines
12. They can fly high where the air is thin and there is less drag
13. Octopus
14. propulsion
15. Because it is so much heavier