


## 2 Instructions

**Start here** 1 Try this quiz. Choose the correct answer.

km/h = kilometres per hour  
(used by most countries)  
mph = miles per hour (used  
in some countries, including  
the US and UK)  
m/s = metres per second  
rpm = revolutions per minute;  
1 revolution = 1 rotation of  
360°

### What are the speeds?

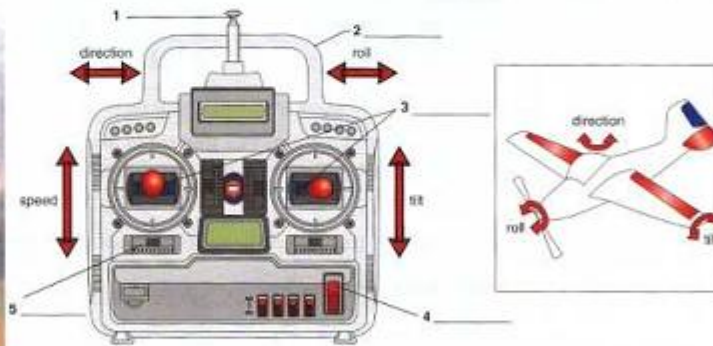
- 1 Rotation of a fast CD-ROM?  
a) 98,000 rpm b) 9800 rpm
- 2 The speed of sound?  
a) 746 km/h (464 mph) b) 1200 km/h (746 mph)
- 3 The maximum speed on land?  
a) 1228 km/h (763 mph) b) 1228 mph (1976 km/h)
- 4 The maximum speed on water?  
a) 154 m/s b) 154 mph c) 154 km/s
- 5 The rotation of the Earth?  
a) 1000 mph (1609 km/h) b) 1000 km/h (621 mph)
- 6 The Earth moving around the Sun?  
a) 67,000 mph (107,825 km/h) b) 67,000 km/h (41,631 mph)

**Listening** 2  Listen and check your answers to 1.

3 Work in pairs. Write down some speeds. Dictate them to your partner.

**Vocabulary** 4 Label the diagram with the words in the box.

antenna handle joysticks slider switch



**Task** 5 Work in groups. What do you think the plane does when you move these controls?

Look at the joystick on the left.

1 Push it up (away from you). Pull it down (towards you). What happens?

2 Push it to the left. Push it to the right. Now what happens?

Look at the joystick on the right.

3 Push it up. Pull it down. What happens?

4 Push it to the left. Push it to the right. Now what happens?