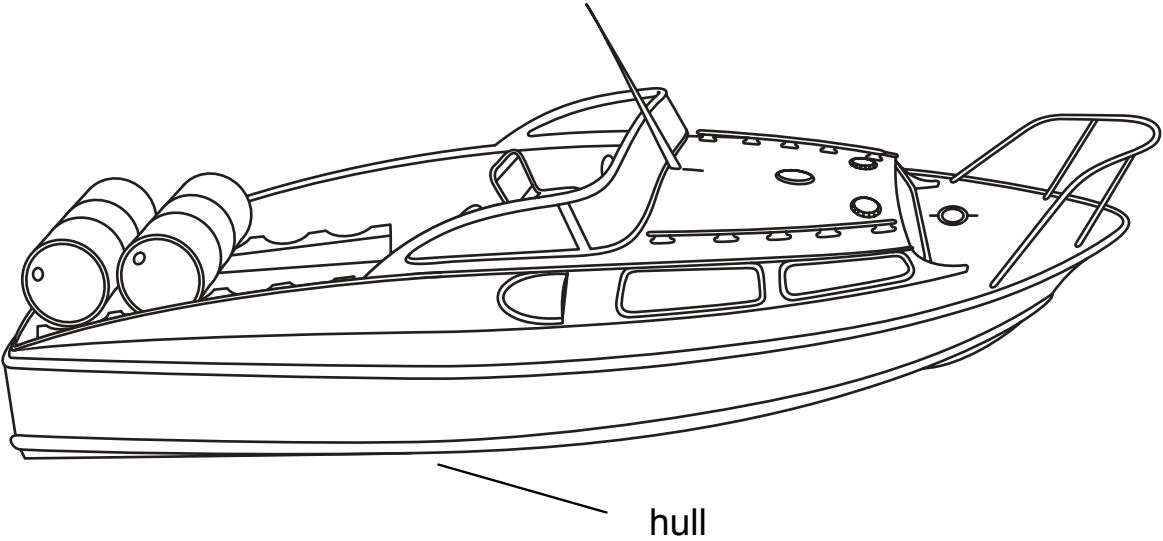


Today you are going to work with your group to investigate some of the boats in the museum. Act like a detective. Look at the boats and information around them really carefully. Make your answers as accurate as you can.

If you come across a word you don't recognise ask your teacher or group leader for help.

**Fairey Huntress**



**1. Label your diagram with the following words. The first one has been done for you. (Hint: you may not need all the words!)**

- steering wheel      bow      stern      hull      rudder
- foot holes      engine      propeller      deck

**2. This boat was in a famous film. What was the name of the film?**  
.....

**3. What are the round objects tied at the back of the boat?**

.....

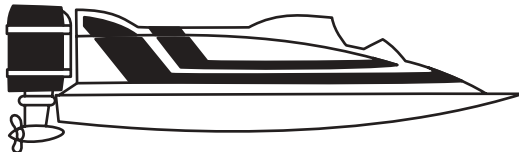
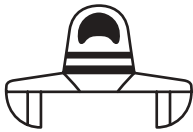
**4. What liquid do you think they contained? Circle the right answer.**

water                  fuel                  lemonade

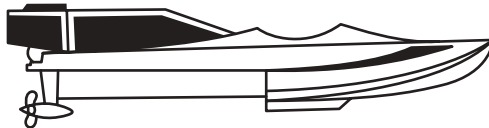
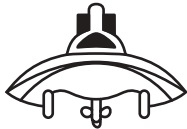
**5. Circle what type of hull this boat has?**



Monohull



Catamaran



Hydroplane

**6. What is the Fairey Huntress made of?**

Circle the materials you can see.



wood



metal



leather



plastic



fibreglass



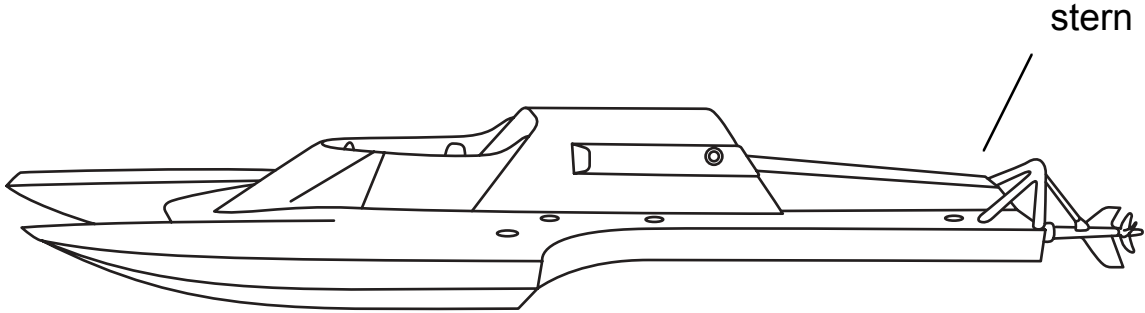
canvas

**7. Now measure how long the boat is using your metre length ruler.**

Remember 1metre = 100cms

The Fairey Huntress is ..... cms long.

Miss Britain IV



8. Label your diagram with the following words. The first one has been done for you. (Hint: you may not need all the words!)


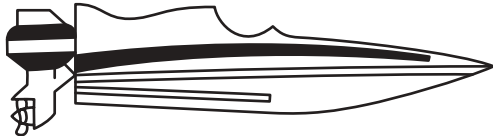
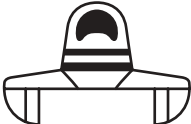
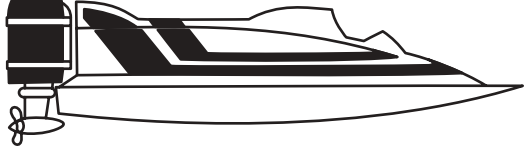
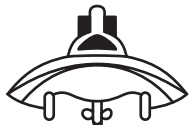

- steering wheel      bow      stern      hull      rudder      cockpit  
propeller      engine

9. When was this boat built?  
.....

10. Miss Britain IV broke the ..... record.  
(Fill in the missing words.)






11. How many seats are there in this boat?  
.....

**12. Circle what type of hull this boat has?**

|  |  |            |
|--|--|------------|
|   |   | Monohull   |
|   |   | Catamaran  |
|  |  | Hydroplane |

**13. What is the Miss Britain IV made of?**

Circle the materials you can see.

|   |   |   |  |   |
|---|---|---|--|---|
|  |  |  |  |  |
| wood  | metal   | leather   | plastic  | fibreglass  |

**14. Now measure how long the boat is using your metre length ruler.**

Remember 1metre = 100cms

The Miss Britain IV is ..... cms long.



**15. Which of your two boats has the biggest volume or space inside it?**

.....

**16. Which of your boats do you think is the fastest? Say why.**

.....  
.....  
.....  
.....  
.....  
.....

**The Safety Cell**

Now you are going to find out all about the safety cell. Every powerboat has to have a safety cell and you are going to find out why. Look at the safety cell on display to answer the questions. You can even sit in it if you like.

**17. Chris ..... designed the safety cell.**  
**(Fill in the missing name)**



**18. Powerboats race at speeds faster than (Tick the right answer)**

50mph  100mph  120mph

(mph = miles per hour)

**19. Describe how you think the safety cell works?**

.....  
.....

**20. Why is it so important to have a safety cell in racing powerboats?**

.....  
.....

**21. Draw a picture of the safety cell in the frame below and remember to label it.**

