



Name: ..... Form: .....

See pages 20 and 21 of *Friction*

# Water resistance

**Friction in liquids, such as water, can be important. It can slow things down but it can also speed them up!**

**Q1.** A marble is dropped into each measuring cylinder at the same time. Draw how far each one will have fallen after a moment.

**Q2.** Explain why you have drawn the marbles in the positions you did.

.....

.....

.....

.....

**Q3.** (i) What is the word that describes the shape given to a boat so that it can 'cut' through water easily?

.....

(ii) Name a boat with this shape. ....

**Q4.** What is the name of a fish that can travel at 60km an hour through water?

.....

**Q5.** What does a canoeist use to push on the water? ....

**Q6.** How does a fish swim?

.....

.....

.....

.....

