

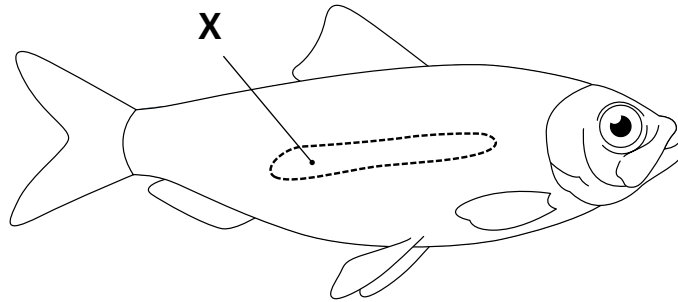


Name: Form:

See pages 18 and 19 of *Forces in action*

Submerged

**Moving about while submerged is more difficult than floating.
It needs a change in density.**



Q1. (i) What is the part of the fish's body labelled X?



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(ii) What does X contain?



.....

(iii) How does the density of this fish compare with the density of water?



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Q2. (i) Name a fish that is heavier than water.



.....

(ii) What happens to this fish when it stops swimming?



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Q3. A submarine has a space between its inner and outer hull.

(i) What fills this space to make the submarine float on the water?



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(ii) How is the submarine made to dive?



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(iii) How is the submarine made to float underwater?



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(iv) How is the submarine made to rise in the water?



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