



Name: Form:

See pages 22 and 23 of *Moving and growing*

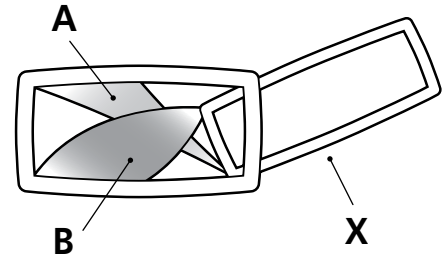
Animals without bones

Most of the world's animals do not have bones, but instead have either skeletons on the outside (such as insects) or skeletons made of liquid (such as worms).

Q1. The diagram shows part of a leg of an animal.

(i) Is the skeleton on the inside or the outside of the body?

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(ii) Name an animal that has this kind of skeleton.

(iii) A and B are muscles. Which muscle is tightening and which one is relaxing?

Muscle tightening Muscle relaxing

(iv) Draw an arrow to show which way the part labelled X moves.

Q2. What kind of skeleton does a leach have?

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Q3. Why do animals with watery skeletons live in moist conditions?

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Q4. Name one kind of mollusc.

Q5. (i) Why does a crab have to moult?

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(ii) What happens when a crab moults?

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(iii) Why doesn't a clam moult?

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