

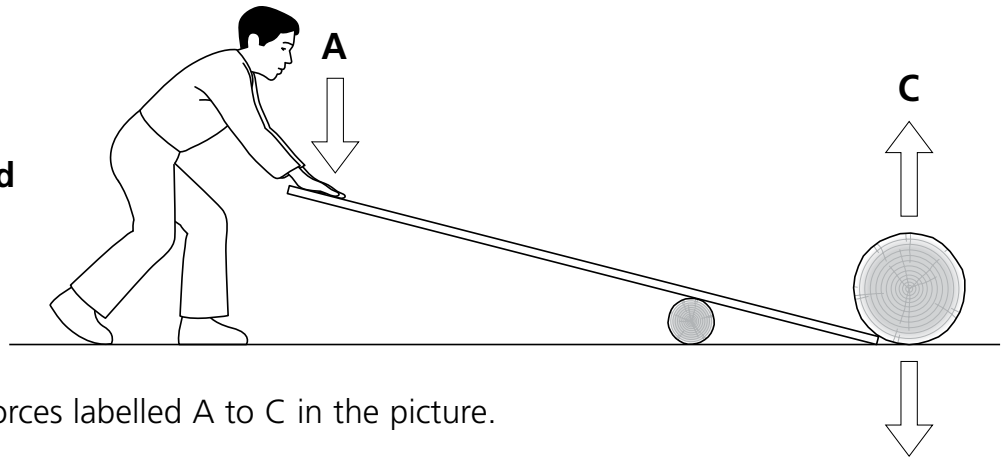


Name: ..... Form: .....

See pages 12 and 13 of *Forces in action*

# Lever

A lever is designed to make it easier for you to lift, cut or squeeze.



**Q1.** (i) Name the forces labelled A to C in the picture.

A .....

B .....

C .....

(ii) Colour in the lever.

(iii) Label the pivot with an X.

**Q2.** What does a lever do to a force?

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**Q3.** Which is more powerful – a short lever or a long lever? Explain your answer.

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**Q4.** Name a device which is made from two levers fixed together.

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**Q5.** What is a jack used for?

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**Q6.** In the picture, if the plank snapped close to the person's hand, how would its usefulness as a lever change? Explain your answer.

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