

# Activity 14.3 Reducing effort

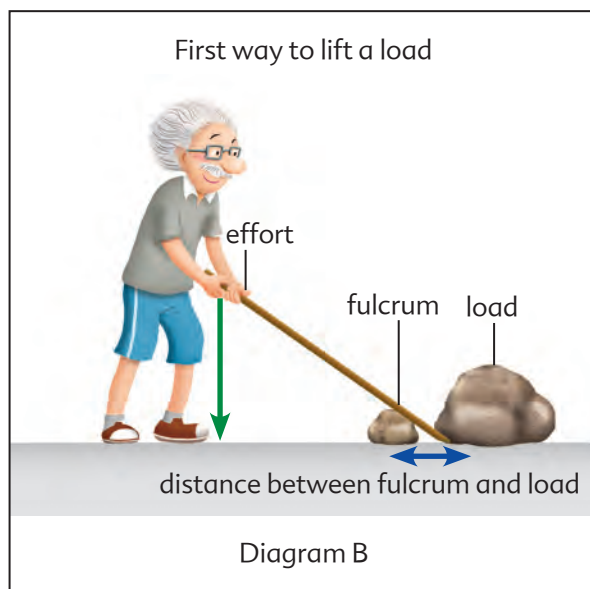
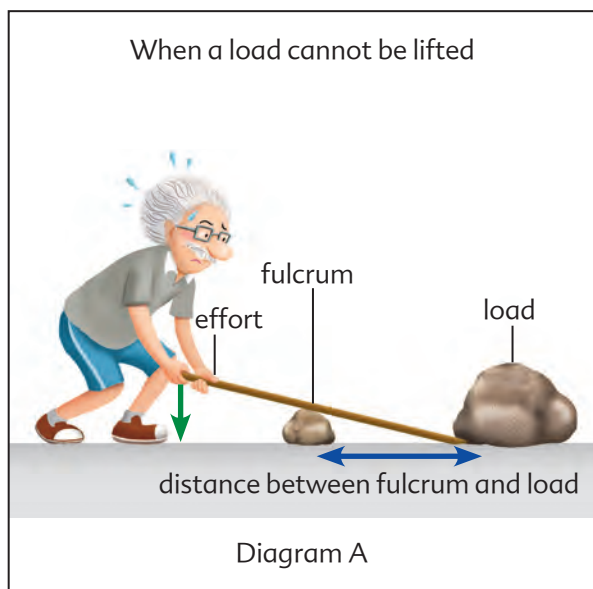
## Process skills

**Communicate** : the knowledge of how effort can be reduced when lifting a load with a lever in diagrams

**Infer** : the two ways to reduce effort in lifting a load with a lever

**Aim** : To understand the two ways to reduce effort in lifting a load with a lever

There are two ways to reduce our effort when we lift or move a load. The following diagrams show how this is done. Look at the diagrams, then answer the questions.



1. (a) What was done to enable the load to be lifted in Diagram B?

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(b) What can we conclude about this first way to reduce the effort to lift the load?

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