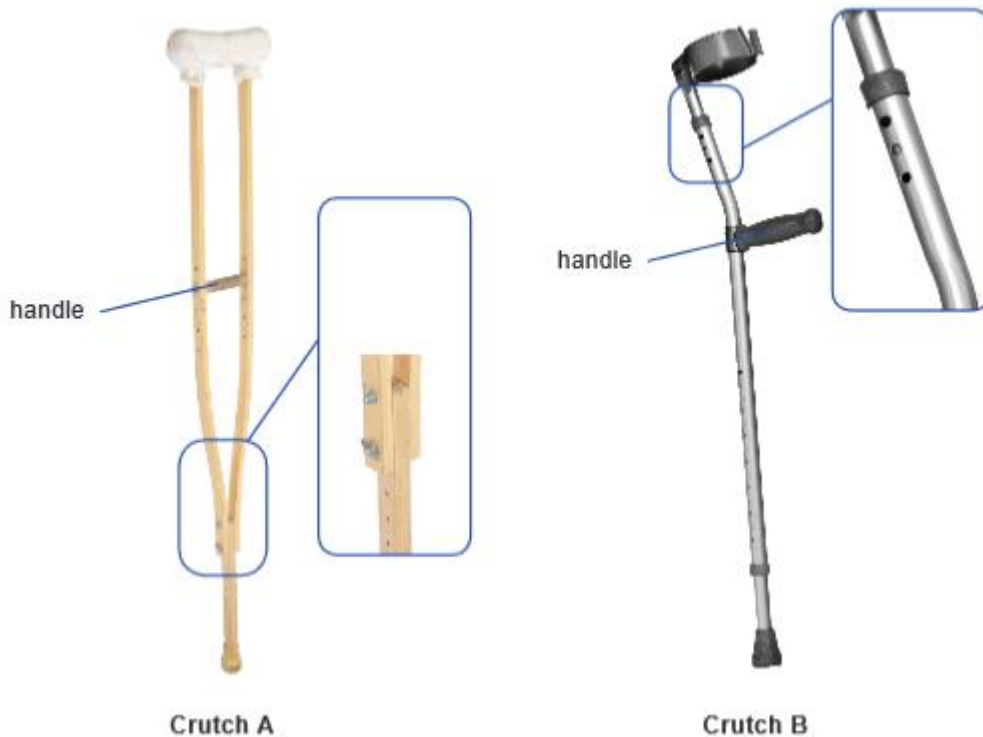


Sustainability Questions



1. Evaluate the sustainability of the two crutches (4)
2. Which of the 6 R's is being described in each statement (6)
 - We must mend broken products instead of throwing them away
 - We should decrease the amount of finite materials we use
 - We should decide whether we need products before we buy them
 - We should think of another use for a product before we throw it away
 - We should decide not to buy products that harm the environment
 - We should make sure that products are converted back to their basic materials and then re made into new products

Glass bottle



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Plastic bottle



3. Discuss the sustainability of each orange juice bottle (8)
4. Discuss the possible environmental impact of using plastics to manufacture products. Include information from sourcing raw material to the end of the products life cycle. (8)
5. Discuss the possible environmental impact of using MDF. Include information on: sourcing the raw material the manufacture of the board, the end of the products life (10)
6. Discuss the possible environmental impact of using metal to manufacture products (7)
7. Explain what is meant by the term sustainability. Give examples of products where sustainability has been considered during their design, manufacture or use (10)