

# Linking in technical objects

AST

PAGES 426–430

Complete this Concept Review so you can keep a record of what you have learned.

## Definitions

- Mechanical engineering is \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- A link \_\_\_\_\_  
\_\_\_\_\_
- In mechanics, a component is \_\_\_\_\_  
\_\_\_\_\_
- Linking is \_\_\_\_\_  
\_\_\_\_\_
- The degrees of freedom are \_\_\_\_\_  
\_\_\_\_\_

## Possibilities of independent motion

Possibilities	Notation	
<b>Translational motion</b>		
• Translation from left to right or from right to left		
• _____ _____		
• _____ _____		
<b>Rotational motion</b>		
• _____ _____		
• _____ _____		
• _____ _____		

Characteristics of links

Characteristics	Description
Direct  Indirect	<ul style="list-style-type: none"><li>• Two parts hold together without a linking component.</li></ul> <hr/> <hr/> <hr/> <hr/> <hr/>
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