

# Diagrams

AST

PAGES 408–410

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

## Definitions














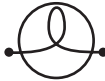


- A diagram is \_\_\_\_\_  
\_\_\_\_\_

## Types of diagrams

Type of diagram	Purpose	Information usually conveyed
	Provides information on one or more of the operating principles of an object.	_____ _____ _____ _____ _____ _____
	Provides information on the selected manufacturing process of an operational object.	_____ _____ _____ _____ _____ _____ _____ _____
	Provides information on the layout of various components of an electrical circuit.	_____ _____ _____ _____ _____ _____



Symbols used in diagrams

Elements symbolized	Symbols	
	<div> Force</div>	<div> Compression</div>
	<div> Tension</div>	<div> Shearing</div>
	<div> Unidirectional translation</div>	<div> Bidirectional translation</div>
	<div> Unidirectional rotation</div>	<div> Bidirectional helical motion</div>
	<div> Complete link</div>	<div> Translational guiding control</div>
	<div> Rotational guiding control</div>	<div> Translational and rotational guiding control</div>
	<div> Battery</div>	<div> Light bulb</div>
	<div> Electrical wire</div>	<div> Push-button switch</div>