

BASIC MECHANICAL FUNCTIONS



Complete this concept review handout and keep it as a record of what you have learned.

DEFINITIONS

- Components are _____

- A basic mechanical function is _____

- Guiding is _____



- A guide is _____

- A link helps _____

- Linking is _____

- A linking component is _____

MAIN TYPES OF GUIDES

Symbol	Guide	Description
	_____ _____	_____ _____ _____ _____
	_____ _____	_____ _____ _____ _____



CHARACTERISTICS OF LINKS

Characteristic pair		Description
1st	Direct	The parts are designed to hold together without requiring a linking component.
	_____	_____
2nd	_____	_____
	_____	_____
3rd	_____	_____
	_____	_____
4th	_____	_____
	_____	_____

PRINCIPAL TYPES OF LINKS

Link	Motion of guided part
Fixed link	There is no movement between linked parts.
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____