

COMPLEX MECHANICAL FUNCTIONS

 PAGES **389** TO **398**
Complete this concept review handout and keep it as a record of what you have learned.

DEFINITIONS

- A system is _____

- A complex mechanical function is _____

- A motion transmission system relays _____

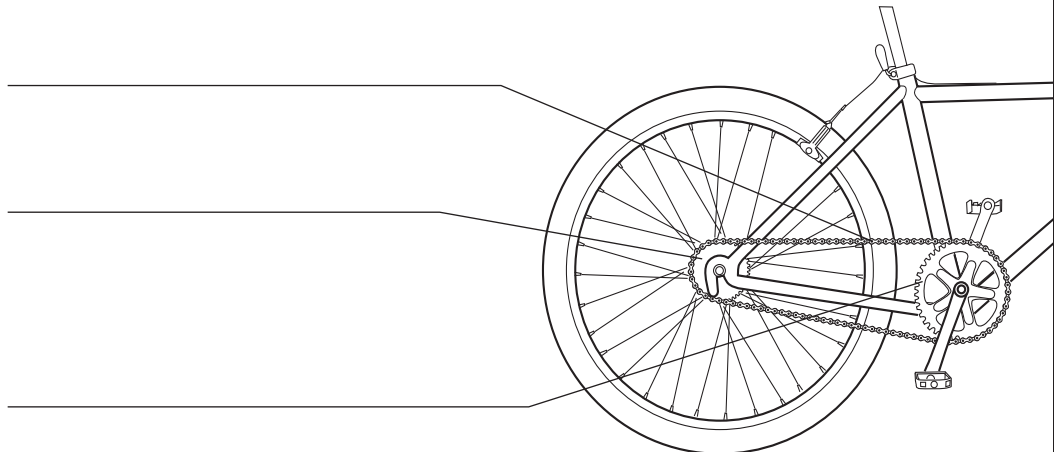
- A motion transformation system transforms _____

PRINCIPAL COMPLEX MECHANICAL FUNCTIONS

Name	Description
_____	_____
_____	_____
_____	_____
_____	_____

SYSTEM COMPONENTS

The driver is _____
 The driven receives _____
 The intermediate is _____



MOTION TRANSMISSION SYSTEMS

System	Components and operation
Friction gear system	One or more wheels without teeth roll together.

MOTION TRANSFORMATION SYSTEMS

System Components and operation	
Slider-crank system	The motion of the crank is transmitted to the connecting rod, which transforms it into a translational motion before transmitting it to another part.